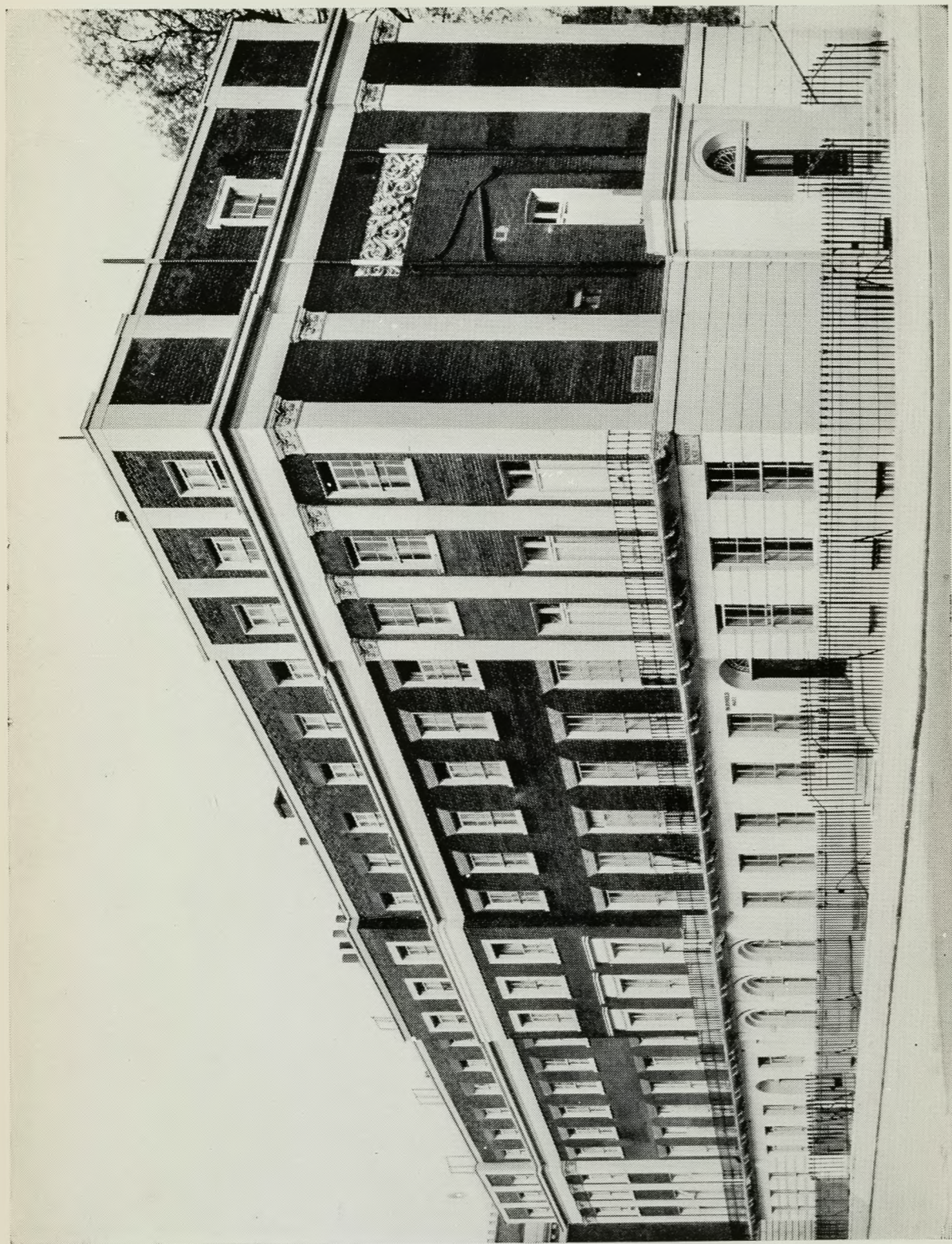




LSE/UNREGISTERED/27/5/8

LSE |



PASSFIELD HALL

# The London School of Economics and Political Science

A School of the University of London



## CALENDAR

1964-65

The London School of Economics & Political Science

London W.C.2.

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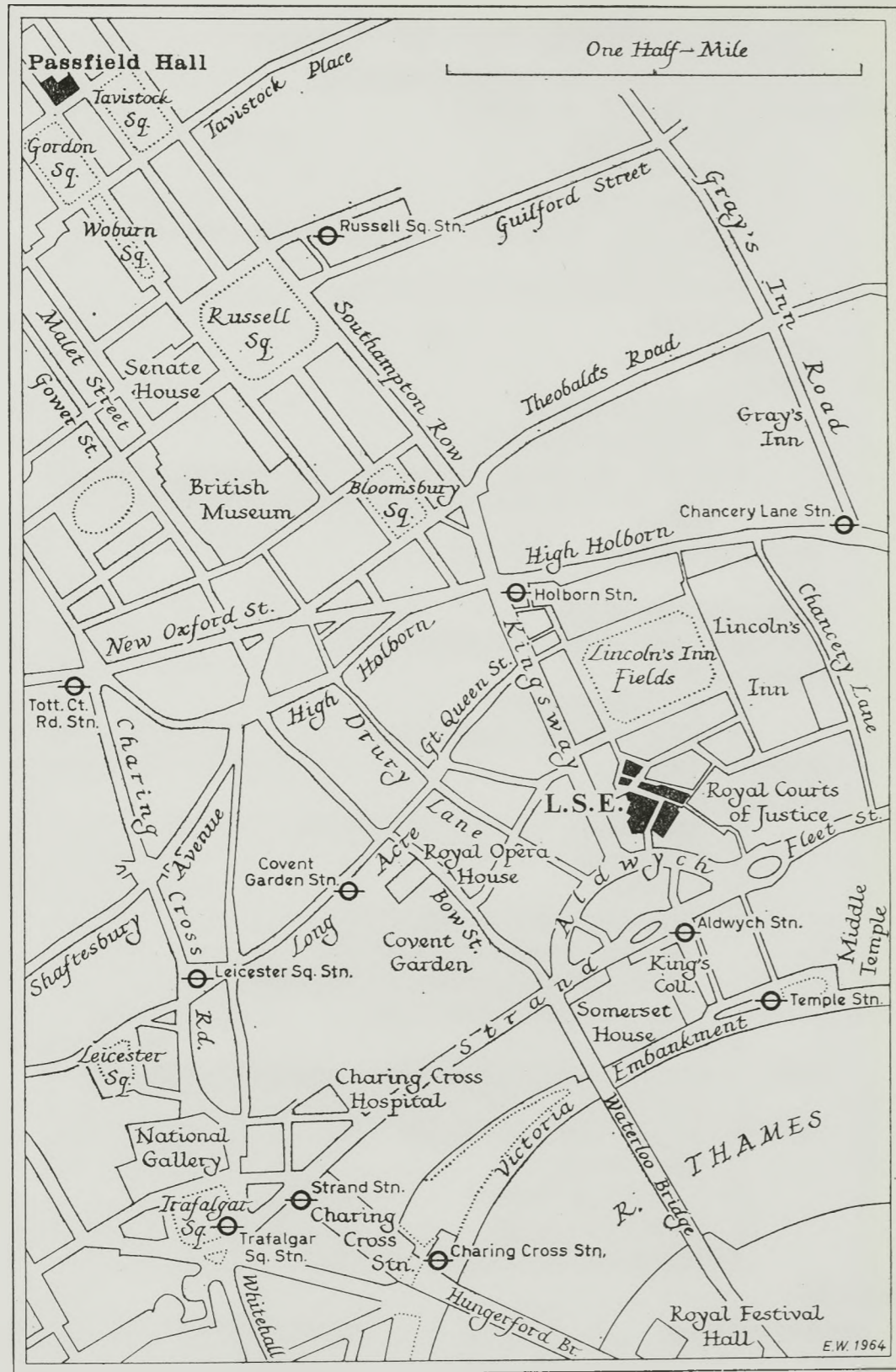
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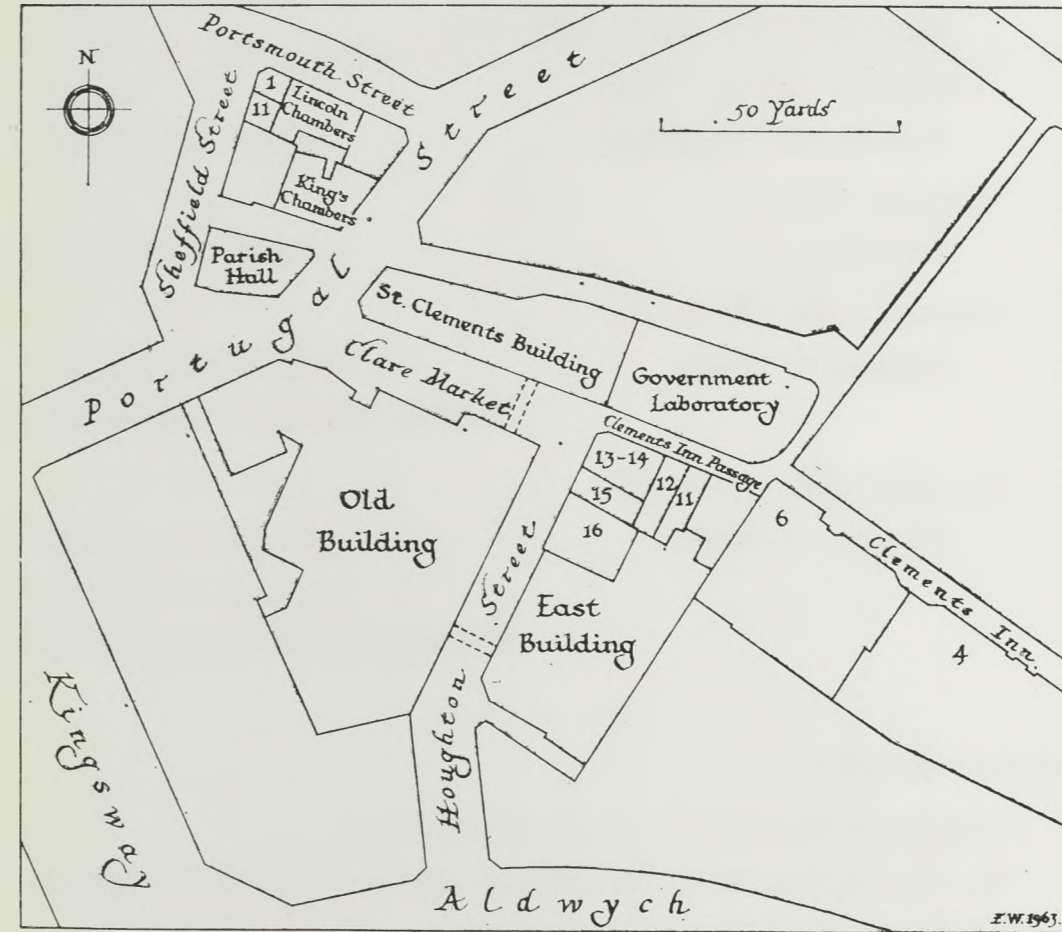
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## LOCATION OF THE SCHOOL



## BUILDINGS OF THE SCHOOL



*Postal Address:* Houghton Street, Aldwych, London, W.C.2.

*Telephone Number:* Holborn 7686.

*Telegrams:* Poleconics, London WC2

*Office Hours for Enquiries:*

*Registry (Room 60)*

Monday to Friday: 10.30 a.m. to 12.30 p.m.  
2.0 p.m. to 4.30 p.m.

and additionally during term time:

*Michaelmas and Lent Terms*

Tuesday and Thursday: 5.0 p.m. to 7.15 p.m.

*Summer Term*

Thursday: 5.0 p.m. to 7.15 p.m.

*Admissions Office (Room 52)*

Monday to Friday: 2.0 p.m. to 4.30 p.m.  
Evening students by appointment.

*Timetables Office (Room 56)*

Monday to Friday: 11.30 a.m. to 12.30 p.m.  
3.30 p.m. to 4.30 p.m.  
Evening students by appointment.

*Official Publications:*

Calendar of the School, £1 1s. od. post free.

The Annual Report by the Director on the Work of the School.

Handbook of Undergraduate Courses.

The Graduate School.

Facilities for Visiting Students.

Department of Anthropology.

Department of Statistics, Mathematics, Computational Methods and  
Operational Research.

Joint School of Geography.

Academic Postgraduate Diploma in Public Administration.

Department of Business Administration.

Diploma in Economic and Social Administration.

Diploma in Operational Research.

Joint Postgraduate Studies in Technology, Economics and Administration.

Department of Social Science and Administration.

Personnel Management Course.

Professional Social Work Courses.

Foreign Service Course.

Trade Union Studies.

All the above publications are issued free, except the Calendar of the School.

**DATES OF TERMS**

**1964-65**

MICHAELMAS TERM: Monday, 5 October to Tuesday, 15 December 1964.

LENT TERM: Wednesday, 13 January to Tuesday, 23 March 1965.

SUMMER TERM: Wednesday, 28 April to Friday, 2 July 1965.

**1965-66**

MICHAELMAS TERM: Monday, 4 October to Tuesday, 14 December 1965.

**CALENDAR 1964-65**  
(University functions in Italics)  
**OCTOBER 1964**

1	Th		
2	F		
3	S		
4	S	<b>School Michaelmas Term begins.</b>  <i>University Michaelmas Term begins.</i> Graduate School Committee, 2.30 p.m.	
5	M		
6	Tu		
7	W		
8	Th		
9	F		
10	S		
11	S		Meeting of Professors of Economics, 4 p.m. Building Committee, 5 p.m. Standing Committee, 5 p.m. Library Committee, 2 p.m. Graduate School Committee, 2.30 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
12	M		
13	Tu		
14	W		
15	Th		
16	F		
17	S		
18	S	Admissions Committee, 10 a.m. General Purposes Committee, 2 p.m. Committee on Teaching for the B.Sc.Econ. Degree, 2 p.m.	
19	M		
20	Tu		
21	W		
22	Th		
23	F		
24	S		
25	S		Investments Committee, 5 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. Graduate School Committee, 4 p.m.
26	M		
27	Tu		
28	W		
29	Th		
30	F		
31	S		



## NOVEMBER 1964

1	S	
2	M	
3	Tu	
4	W	Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
5	Th	
6	F	
7	S	
8	S	
9	M	Meeting of Professors of Economics, 4 p.m. Building Committee, 5 p.m.
10	Tu	
11	W	Library Committee, 2 p.m. Graduate School Committee, 2.30 p.m.
12	Th	
13	F	
14	S	
15	S	
16	M	
17	Tu	Standing Committee, 5 p.m.
18	W	Scholarships and Prizes Committee, 11.30 a.m. General Purposes Committee, 2 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
19	Th	
20	F	
21	S	
22	S	
23	M	
24	Tu	Admissions Committee, 10 a.m.
25	W	Graduate School Committee, 2.30 p.m. Research Committee, 4.30 p.m.
26	Th	
27	F	
28	S	
29	S	
30	M	

## DECEMBER 1964

1	Tu	
2	W	Conference Grants Sub-Committee, 12 noon. Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
3	Th	
4	F	Oration Day.
5	S	
6	S	
7	M	Meeting of Professors of Economics, 4 p.m.
8	Tu	
9	W	<i>Board of Studies in Economics</i> , 2.30 p.m. Graduate School Committee, 4 p.m. Publications Committee, 4.30 p.m.
10	Th	
11	F	
12	S	
13	S	
14	M	Building Committee, 5 p.m.
15	Tu	Standing Committee, 5 p.m. <b>School Michaelmas Term ends.</b>
16	W	Library Committee, 2 p.m. Court of Governors, 5 p.m. <i>University Michaelmas Term ends.</i>
17	Th	
18	F	
19	S	
20	S	
21	M	
22	Tu	
23	W	
24	Th	
25	F	Christmas Day.
26	S	Boxing Day.
27	S	
28	M	
29	Tu	
30	W	
31	Th	

## JANUARY 1965

1	F	
2	S	
3	S	
4	M	
5	Tu	
6	W	
7	Th	
8	F	
9	S	
10	S	
11	M	
12	Tu	Admissions Committee, 10 a.m.
13	W	<b>School Lent Term begins.</b> <i>University Lent Term begins.</i> Graduate School Committee, 2.30 p.m.
14	Th	
15	F	
16	S	
17	S	
18	M	Meeting of Professor of Economics, 4 p.m.
19	Tu	Standing Committee, 5 p.m.
20	W	Library Committee, 2 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
21	Th	
22	F	
23	S	
24	S	
25	M	
26	Tu	Investments Committee, 5 p.m.
27	W	General Purposes Committee, 2 p.m. Appointments Committee, 4.30 p.m.
28	Th	
29	F	
30	S	
31	S	

## FEBRUARY 1965

1	M	
2	Tu	
3	W	<i>Board of Studies in Economics, 2.30 p.m.</i> Graduate School Committee 4 p.m.
4	Th	
5	F	
6	S	
7	S	
8	M	Promotion Sub-Committees will meet this week.
9	Tu	
10	W	Academic Board, 2 p.m.
11	Th	
12	F	
13	S	
14	S	
15	M	Meeting of Professors of Economics, 4 p.m. Building Committee, 5 p.m.
16	Tu	Admissions Committee, 10 a.m. Standing Committee, 5 p.m.
17	W	Scholarships and Prizes Committee, 11.30 a.m. Library Committee, 2 p.m. Graduate School Committee, 2.30 p.m.
18	Th	
19	F	
20	S	
21	S	
22	M	
23	Tu	
24	W	General Purposes Committee, 2 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
25	Th	Research Committee, 5 p.m.
26	F	
27	S	
28	S	

MARCH 1965

1	M	
2	Tu	
3	W	Graduate School Committee, 2.30 p.m. Publications Committee, 4.30 p.m.
4	Th	
5	F	
6	S	
7	S	
8	M	
9	Tu	Graduands' Dinner.
10	W	Presentation Day. Conference Grants Sub-Committee, 12 noon. Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
11	Th	
12	F	
13	S	
14	S	
15	M	Meeting of Professors of Economics, 4 p.m. Building Committee, 5 p.m.
16	Tu	Standing Committee, 5 p.m.
17	W	Standing Sub-Committee of the Appointments Committee (All day). Graduate School Committee, 2.30 p.m.
18	Th	Library Committee, 2 p.m.
19	F	
20	S	
21	S	
22	M	
23	Tu	Admissions Committee, 10 a.m. <b>School Lent Term ends.</b>
24	W	Appointments Committee, 11 a.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>University Lent Term ends.</i>
25	Th	
26	F	
27	S	
28	S	
29	M	
30	Tu	
31	W	

APRIL 1965

1	Th	
2	F	
3	S	
4	S	
5	M	
6	Tu	
7	W	
8	Th	
9	F	
10	S	
11	S	
12	M	
13	Tu	
14	W	
15	Th	
16	F	Good Friday.
17	S	
18	S	Easter Day.
19	M	Easter Monday.
20	Tu	
21	W	
22	Th	
23	F	
24	S	
25	S	
26	M	
27	Tu	
28	W	<b>School Summer Term begins.</b> <i>University Summer Term begins.</i> Graduate School Committee, 2.30 p.m.
29	Th	
30	F	

## MAY 1965

1	S	
2	S	
3	M	Meeting of Professors of Economics, 4 p.m.
4	Tu	Standing Committee, 5 p.m.
5	W	Library Committee, 2 p.m. Graduate School Committee, 2.30 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
6	Th	
7	F	
8	S	
9	S	
10	M	Building Committee, 5 p.m.
11	Tu	Admissions Committee, 10 a.m. Investments Committee, 5 p.m. Graduands' Dinner.
12	W	<i>Presentation Day.</i> General Purposes Committee, 2 p.m.
13	Th	
14	F	
15	S	
16	S	
17	M	
18	Tu	Research Committee, 4.30 p.m.
19	W	<i>Board of Studies in Economics</i> , 2.30 p.m. Appointments Committee, 4.30 p.m.
20	Th	
21	F	
22	S	
23	S	
24	M	
25	Tu	
26	W	Academic Board, 2 p.m. Graduate School Committee, 4 p.m.
27	Th	
28	F	
29	S	
30	S	
31	M	Meeting of Professors of Economics, 4 p.m.

## JUNE 1965

1	Tu	Standing Committee, 5 p.m.
2	W	Library Committee, 2 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
3	Th	
4	F	
5	S	
6	S	Whit Sunday.
7	M	Whit Monday.
8	Tu	
9	W	Scholarships and Prizes Committee, 11.30 a.m. General Purposes Committee, 2 p.m. Graduate School Committee, 4 p.m.
10	Th	
11	F	
12	S	
13	S	
14	M	Building Committee, 5 p.m.
15	Tu	Publications Committee, 12 noon.
16	W	<i>Board of Studies in Economics</i> , 2.30 p.m. Graduate School Committee, 4 p.m.
17	Th	Court of Governors, 5 p.m.
18	F	
19	S	
20	S	
21	M	
22	Tu	
23	W	Conference Grants Sub-Committee, 12 noon. Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
24	Th	
25	F	
26	S	
27	S	
28	M	Meeting of Professors of Economics, 4 p.m.
29	Tu	
30	W	Library Committee, 2 p.m. Graduate School Committee, 2.30 p.m.

## JULY 1965

1	Th	School Summer Term ends.
2	F	
3	S	
4	S	Standing Committee, 5 p.m. <i>University Summer Term ends.</i>
5	M	
6	Tu	
7	W	
8	Th	
9	F	
10	S	
11	S	Building Committee, 5 p.m.
12	M	
13	Tu	
14	W	
15	Th	
16	F	
17	S	
18	S	
19	M	
20	Tu	
21	W	
22	Th	
23	F	
24	S	
25	S	
26	M	
27	Tu	
28	W	
29	Th	
30	F	
31	S	

PART I  
GENERAL INFORMATION

## THE COURT OF GOVERNORS

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<sup>1</sup>NORMAN BENTWICH, O.B.E., M.C., LL.D., Ph.D. (to 31 August 1967).

J. O. BLAIR CUNYNGHAME, O.B.E., M.A.

<sup>4</sup>G. H. BOLSOVER, O.B.E., M.A., Ph.D. (to 31 December 1965).

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Sir GEOFFREY CROWTHER, M.A., LL.D., D.Sc.Econ.

---

<sup>1</sup>Representing the London County Council.

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- <sup>1</sup>C. G. DENNY, C.B., M.C. (to 31 August 1967).  
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VICTOR FEATHER, C.B.E.  
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<sup>4</sup>Sir PATRICK LINSTAD, C.B.E., D.Sc., D.I.C., F.C.G.I., M.I.M.M.,  
F.R.S. (to 31 December 1965).  
Sir ANDREW MCFADYEAN, M.A.  
<sup>2</sup>D. G. MACRAE, M.A. (to 31 July 1968).  
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<sup>2</sup>M. J. OAKESHOTT, M.A. (to 31 July 1965).  
<sup>1</sup>JOHN PARKER, M.A., M.P. (to 31 August 1967).  
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<sup>1</sup>Representing the London County Council.<sup>2</sup>Representing the Academic Board.<sup>4</sup>Representing the Senate of the University of London.

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<sup>2</sup>B. C. ROBERTS, M.A. (to 31 July 1969).  
<sup>4</sup>K. E. ROBINSON, M.A., F.R.Hist.S. (to 31 December 1965).  
R. S. F. SCHILLING, M.D., F.R.C.P., D.P.H., D.I.H.  
<sup>2</sup>Miss B. N. SEEAR, B.A. (to 31 July 1967).  
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D. TYERMAN, B.A.  
<sup>1</sup>L. L. WARE, B.Sc., M.A., Ph.D., A.R.C.S., D.I.C. (to 31 August 1967).  
Sir REGINALD WILSON, B.Com., M.Inst.T.  
<sup>2</sup>M. J. WISE, M.C., B.A., Ph.D. (to 31 July 1966).  
The Hon. C. M. WOODHOUSE, D.S.O., O.B.E., M.A., M.P.  
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Lord Tangley

<sup>1</sup>Representing the London County Council.<sup>2</sup>Representing the Academic Board.<sup>4</sup>Representing the Senate of the University of London.

Professor M. J. Oakeshott  
Miss B. N. Seear  
Professor M. J. WISE

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Mr. L. Farrer-Brown  
Sir Alan Hitchman  
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Professor B. C. Roberts  
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## HISTORY OF THE SCHOOL

### EARLY YEARS

Towards the end of the nineteenth century there was, in the universities of the United Kingdom, serious dissatisfaction with the provision for the study and teaching of the social sciences. It was to Sidney Webb (later Lord Passfield) that there first came an opportunity to remedy the deficiency.

In August 1894 Sidney Webb learnt that in the will of Henry Hunt Hutchinson, a former Clerk to the Derby Justices and a member of the Fabian Society, he had been appointed executor and one of five trustees instructed to spend the residue of the estate (amounting to £10,000) within ten years. It was decided to spend part of the money on the establishment of a school of economics. A committee was formed, rooms were taken at 9, John Street, Adelphi, and Mr. W. A. S. Hewins was chosen as the first Director, a position which he held until 1903, when he was succeeded by Mr. Halford Mackinder (later Sir Halford Mackinder).

The School assumed many features in its early days which have remained characteristic of it. It was planned to attract students of more mature age than were normally found at a university, and especially men and women in active employment in administration, or in the world of business. Hence from the first the occasional student was an integral and important member of the School. Again it was founded as a centre for research and could proudly boast within five years of its foundation that it was "one of the largest centres in the United Kingdom for post-graduate study". Finally, numbering in its first session seventy-five women amongst its three hundred students, it was from its inception open equally to both sexes.

The first session opened in October 1895 with twelve courses of evening lectures and a proposed three-year course in economics, economic history and statistics. Until the Passmore Edwards Hall was built, most of these lectures were given at the rooms of the London Chamber of Commerce in Eastcheap, or at the Hall of the Royal Society of Arts. The students enrolled for the first session proved too numerous for the accommodation at 9, John Street, and the School accordingly moved in 1896 to 10, Adelphi Terrace, where there was room not only for the increasing numbers, but also for the School's library—the British Library of Political and Economic Science—which opened in November of the same year.

With the establishment of a Faculty of Economics and Political Science in the reorganised University of London, the School was recognised in 1900 as a School of the University, and its three-year course became the basis of the new B.Sc.(Economics) degree. The result of this development was to double the number of students, and with the aid of money partly given by Mr. Passmore Edwards and partly raised by subscription the first of the School's new buildings—the Passmore Edwards Hall—was erected in 1902 on a site allocated by the London County Council in Clare Market. At the same time the School received a formal constitution by its incorporation as a limited company not trading for profit, with Mr. Sidney Webb as Chairman of the Governors.

Under the Directorship of Sir Halford Mackinder (1903–1908) and of the Hon. W. Pember Reeves (1908–1919) the School developed steadily. The scope of teaching widened with the establishment of a lectureship in Sociology in 1904 and with the creation, eight years later, of a Department of Social Science and Administration. The growing reputation of the School as a centre of research attracted graduates not only from the United Kingdom, but from universities in all parts of the world.

### 1914–1939

In 1913 a report rendered to the University stated that the School's building was seriously overcrowded, and expressed the opinion that "a great effort should be made to provide accommodation of an adequate character for a School which has been so signally successful, and in which the main teaching in the Faculty of Economics of the greatest commercial city of the world should be given".

No expansion of the premises was possible during the first world war, and the institution in 1919 of the new Commerce Degree, for which the School became the centre of teaching in London, added to the influx of ex-service students, greatly increased the overcrowding. Grants from the London County Council and from the City Appeals Committee enabled plans for a building extension to be embarked upon, and in 1920 King George V laid the foundation stone of the present "Old Building". At the same time funds provided by the Sir Ernest Cassel Trustees permitted a very necessary increase in the academic staff.

In 1921, in addition to being recognised in the Faculty of Economics, the School became a recognised School of the University in the Faculty of Laws, in 1922 in the Faculty of Arts for Geography and Sociology, and in 1924 for History and Anthropology. This continued growth necessitated further expansion, and in 1925 the London County Council acquired a number of houses in Houghton Street for further extensions to the School. A new building along Houghton Street and two additional storeys upon

the roof of the 1920 building were begun in 1927 and were opened in the presence of the Prince of Wales in June 1928. In 1931-32 the first section of a new building on the east side of Houghton Street was erected, containing lecture-rooms and tutorial accommodation. During the same session a munificent gift from the Rockefeller Foundation enabled a complete reconstruction and expansion of the accommodation for the Library to be begun, including the reconstruction of the greater part of the Passmore Edwards Hall and the demolition and rebuilding of the large corner block purchased from the St. Clements Press in 1929. This work was completed in the session 1933-34. In 1935 the School acquired the former Smith Memorial Hall, which adjoins its oldest part. The second section of the new buildings on the east side of Houghton Street was erected on the site of the Holborn Estate Grammar School and of a number of shops and houses. This new section now contains, in addition to teaching rooms, a gymnasium and a squash court.

With this increase in size went a further widening of the scope both of the School's teaching and of its research. New chairs were created in English Law, International History, International Relations, International Law and Economic History. In 1929 a course for social workers in Mental Health was established and in 1930 a Department of Business Administration. Throughout these years there was a vigorous output of publications by the School's teachers and research students. Part of their work appeared in the journal *Economica*, established in 1921 and covering the field of economics, economic history and statistics, as well as in its sister journal *Politica*, which appeared in 1934 but ceased publication during the second world war. Within the sphere of law, between 1930 and 1940, the School prepared the *Annual Survey of English Law* and *The Annual Digest of Public International Law Cases*, covering the years from 1919.

These two decades of continuous growth took place under the leadership of Sir William Beveridge (later Lord Beveridge), who became Director in 1919. In 1937 he was succeeded by Sir Alexander Carr-Saunders, under whom the School underwent its second experience of world-war, this time away from London.

#### POST-WAR DEVELOPMENTS

In September 1945, having completed its fiftieth session, the School returned to London from Cambridge where, through the generosity of the Master and Fellows of Peterhouse, it had been housed during the war. Most of its pre-war functions were resumed and there was great expansion in many new directions. Special courses were introduced in Trade Union Studies, Personnel Management, Child Care, and for Oversea

Service Officers. New and additional chairs were established in Accounting, Anthropology, Economics, Social Geography, Public Law, Public Administration, Social Administration and Sociology, together with a number of new readerships, lectureships and assistant lectureships in various subjects.

In 1960 new diplomas in Economic and Social Administration, and in Operational Research were instituted.

Physical expansion of the School has been rendered imperative by the increasing numbers of students and staff. Pending the acquisition of additional properties some reduction of overcrowding has been achieved by leasing premises in the neighbourhood of the School, by building new rooms on the flat roofs of the buildings on each side of Houghton Street, and by filling in gaps in existing buildings. In January 1960 work was begun on adapting for School use the building in Clare Market formerly occupied by the St. Clements Press Ltd., to provide the first really substantial improvement in accommodation since 1938, and the building was occupied in October 1961. In 1960 the School also acquired for future development the freehold of part of an island site to the north west of the St. Clements Building. In 1964 the School acquired the premises of the Government Chemist adjoining the St. Clements Building. Future building plans will therefore cover re-development over the site now occupied by the old houses on the east side of Houghton Street and in Clements Inn Passage, and the Government Laboratory; and, it is hoped, the eventual re-development of the island site referred to above. Between the completion of the St. Clements Building work and the time when the other sites can be re-developed, alterations are being carried out in existing buildings in order to expand services which are badly handicapped by lack of space.

Not only has there been an increase in the accommodation available to the School since the close of the second world war, but the technical equipment required by students in certain fields of study has also been made increasingly available. In the St. Clements Building greatly improved facilities have been provided for the Geography Department, the Statistics Department and for the teaching of Psychology.

#### GENERAL

The Library is described on pages 257 to 280. Study-rooms, most of which are provided with books and periodicals in regular use, are available to third year undergraduates. In addition, there are two research reading rooms within the Library.

Research remains a normal part of the work of the School. It is organised at present in two ways. The majority of the members of the teaching staff are members of one or other of four Research Divisions.

In addition, the Sociological Research Unit and the Research Techniques Division undertake special projects of research with the aid of a small permanent research staff.

Some part of the research work of the School appears in *Economica*, in *The British Journal of Sociology*, founded in 1950, which is published quarterly for the School by Routledge and Kegan Paul, Ltd., and in the *British Journal of Industrial Relations*, the first issue of which was published by the School in February 1963. Since the war the School has published works by its staff and students in a uniform series, under an arrangement first with Longmans Green and Company, and now with G. Bell and Sons, replacing the pre-war arrangements under which the School sponsored the publication of such works. Two series of reprints of works which because of their scarcity are not generally available to students are also published by the School, together with a series of monographs on social anthropology.

In view of the difficulties in providing satisfactory living accommodation in London for students living away from home and of the demand for greater opportunities for developing corporate life amongst students, the Governors of the School resolved to acquire premises for use as Halls of Residence. Although, in consequence of the heavy competition for buildings in London, the acquisition of suitable premises has presented great difficulties, one Hall of Residence has been opened and extended and a second will be available by about 1966.

Students joining the School will find wide opportunities for an active social life. All students are members of the Students' Union. The Union includes Music, Art and Drama Societies, whilst affiliated to it are many other societies established for the promotion of religious, political and cultural interests. Concerts and gramophone recitals are frequently held in the Founders' Room, which also houses the Shaw Library of general literature. There are also within the School branches of various university societies. The Union has offices in the School's buildings and a number of common rooms. It publishes the magazine, *The Clare Market Review*, and a fortnightly newspaper, *Beaver*. Meetings of the Union are held regularly and are open to all members.

All students may join the Athletic Union of the School on paying the membership subscription to any of its constituent clubs. The School maintains for use by the Athletic Union and its constituent athletic clubs a 20-acre sports ground at New Malden, Surrey, where there are two pavilions with a large hall, dining-room, bar, games-room and very well equipped dressing room accommodation. There are pitches for association and rugby football, hockey and cricket, and tennis courts. In the main buildings of the School at Houghton Street there are the gymnasium and the squash court. The Boat Club has its headquarters at the

University boat-house at Chiswick, and the Sailing Club at the Welsh Harp at Neasden.

For graduate students there is a common-room under the management of the Research Students' Association.

There is an old students' association called "The London School of Economics Society", membership of which is open to all past students of the School. (See pp. 292-293.)

Recently an association of Friends of the London School of Economics was formed, which is likewise open to all former students of the School. The objects of this association are described on page 293.

The School has a large refectory where students may obtain meals at a reasonable cost both in the day and in the evening and an additional dining room, known as the Robinson Room, was opened in 1962. Light meals are also served in cafés in the Old Building, the St. Clements Building and the former "Three Tuns" building on the corner of Clements Inn Passage.

A medical service for students has been established in the charge of Dr. J. C. Read, who looks after students who feel the need for psychiatric treatment. Dr. H. N. Levitt attends at the School every afternoon during term time, and by appointment during vacations, to see students needing medical attention and the School Nurse holds a daily surgery in the School during term. A mass radiography unit visits the School each session.

At the end of the calendar year 1956 Sir Alexander Carr-Saunders retired and was succeeded by the present Director, Sir Sydney Caine.

**REPORT BY THE DIRECTOR  
ON  
THE WORK OF THE SCHOOL  
DURING THE YEAR 1962-63**

No single development stands out in the year 1962-63. It was indeed a year of continuation of developments already in train or foreshadowed in earlier reports, whether in the building, the academic or the administrative spheres.

**GENERAL**

As indicated in last year's report the funds made available to the School for the quinquennium 1962-67 did not permit of any striking developments, but a number of appointments were made during the session to strengthen the teaching facilities of most departments. During the year the Chancellor of the Exchequer reviewed the financial position of the universities and notification was received of additional grants for the remainder of the quinquennium. In the meantime there had been unavoidable increases in general expenditure as a result of the continuing rise in costs, including wages and salaries not covered by earmarked grants from the University Grants Committee, and at any rate so far as 1963-64 is concerned it did not look as if the additional grant promised to the School would do more than cover these inevitable increases, if indeed it is adequate for that. For the present, therefore, the position remains that no significant expansion of teaching staff or major new departures can be contemplated until at the earliest the later years of the current quinquennium.

There have thus been no large changes in the numbers of students or in the courses offered. In accordance with policy agreed some years ago such increase of student numbers as has taken place has been mainly in the postgraduate field. In our main undergraduate responsibility, the B.Sc. (Econ.), the new organisation for teaching under the revised regulations for the degree which came into operation in October 1961 appears to have settled down satisfactorily and the proportion of failures in Part I of the examination was in 1962-63 again substantially lower than it had customarily been under the old regulations, although a little higher than in 1961-62.

**BUILDINGS**

Further progress has been made during the year in the programme of conversion and adaptation of the School's main building which was agreed upon as an integrated programme of which the conversion of the St. Clements Building formed the largest part and the essential first step. The major work which has been proceeding during the year has been the building of new cloakrooms in the inner courtyard, together with associated changes. This was well advanced towards completion at the end of the year. Work has also been proceeding on the

replacement of the staff lift, which had been giving increasing mechanical trouble in recent years. The other main adaptation in the old building put in hand during 1962-63 was the extension of the staff dining room on the fourth floor, with associated improvements to the kitchen. The main part of this work was completed before the end of the Long Vacation. It will provide not only considerably more room to meet the ever-growing demands on the dining room from the increased numbers of academic staff, but also an entirely new bar which will also serve cold meals. This extension has involved the throwing into the staff dining room of the rooms formerly used as the Director's Dining Room and Ante-Room, but new rooms have been provided for these purposes in a closely adjoining position on the same floor. Opportunity has been taken to refurnish the Director's Dining Room with the help of funds generously donated for this special purpose by Dr. G. Tugendhat, a former student, Governor and Honorary Fellow of the School.

During the session the new dining room known as the Robinson Room, to which reference was made in last year's report, was brought into operation. It has proved a very great success, serving among other things in fulfilling one of the purposes originally in mind of providing a dining room which can be used equally by more senior students and by members of staff. It will perhaps be observed that the operations reported have all been designed to add to the general facilities of the School and especially to the facilities of a social nature rather than to add accommodation of a strictly teaching or academic character. I do not believe that this should be the cause of any criticism because nothing is more important in an institution such as the School, which cannot hope to enjoy all the advantages of residential facilities, than providing encouragement for a full and active social life within its walls for students at all levels and for staff members; if we do not offer them attractive facilities to eat on the premises they will go elsewhere and perhaps not return again until another lecture or class commands their attendance.

Building work by way of conversion has also been going on in the former St. Clement Danes Parish Hall and other properties acquired by the School in the area north of Portugal Street, which we know as the island site, as these have come into occupancy as a result of the termination of previous tenancies. We are now in effective occupation of virtually the whole of our properties on this site and this has enabled better provision to be made for the housing of academic departments, for some relief to the growing pressure on the space occupied by the Economists' Bookshop and for the planning of a bindery to be operated under the direct control of the Library.

During the session official approval was given for the acquisition by the School, with funds made available through the University Grants Committee, of the building on Clements Inn Passage hitherto occupied by the Government Chemist. It is hoped that physical possession will be obtained very early in the year 1964 and immediate use will be made of such parts of the building as can be utilised for office purposes without conversion. The greater part of the building, however, since it was designed for laboratory purposes, is unsuitable for the School's use as it stands and the intention is to demolish it and replace it with a modern building designed for the School's own purposes as soon as plans can be completed and funds obtained. After very full investigation the Building Committee concluded

that it would not be practicable to build on this site and the site of the older buildings on the other side of Clements Inn Passage a specially designed new Library such as had previously been thought of, as the needs of the Library are such that a building of the size required could not be accommodated in this particular area. Instead it is now hoped that it may be possible somewhat later on to build a new home for the Library on the island site and contiguous areas which the School hopes to acquire. These views have been accepted by the Academic Board and the Standing Committee and attention will therefore be concentrated on the planning on the Government Laboratory site of a general purpose building in which it is hoped to house some parts of the administration as well as certain academic departments, with provision for additional lecture rooms and class rooms. Space vacated in the main building by the removal of parts of the administration will, under this scheme, afford an opportunity to provide more accommodation for the Library, pending the carrying out of the plans for an adequate new Library building.

It was mentioned in the last report that the search was still continuing for a site for the hall of residence to be built with the generous donation offered by an anonymous benefactor. At the very last minute, only a few days before the expiry of the extended time-limit agreed to by the donor, and thanks to the good offices of Sir Edwin Herbert, a member of the Court of Governors, a site was found in Fitzroy Street, W.C.1. The University Grants Committee have approved the grant of the funds necessary for the acquisition of this site and plans have already been prepared for the building of what we hope will be a very attractive and suitable hall of residence upon it. Unfortunately further delay has occurred owing to the refusal of the L.C.C. to give the necessary permission for the use of the site as a student hall instead of for ordinary residential purposes, but an appeal has been made to the Minister. At the end of the year a decision was still awaited.

The provision of accommodation for more senior and married students in a converted house in Anson Road, Tufnell Park, has been fully as successful as expected and during the year a small meeting hall situated in the grounds of this house was converted into a further four flats. In addition, since it appeared that there remained a very large unsatisfied demand for this type of accommodation, opportunity has been taken to buy another very similar house closely adjacent which it is hoped can be converted to provide a further eight flats. The possibility of more ambitious operations for the provision at economic rentals of small flats for this type of senior student in association with other Colleges in London is being further examined.

Before leaving the sphere of buildings I should like to record that considerable progress has been made with the re-decoration and refurnishing of the Founders' Room. In particular, thanks to very generous assistance from the Friends of the London School of Economics, we have been able to acquire three very fine Persian carpets in replacement of the old carpet in that room. We hope that this visual evidence of the help which the Friends can give in providing amenities of the standard not covered by the ordinary grants from public funds, as also the gift for the refurnishing of the Director's Dining Room already mentioned, will encourage more donations through the Friends for this kind of purpose.

#### GENERAL EDUCATIONAL DEVELOPMENTS

Although, as already indicated, there has been little in the way of specific new developments in courses at the School during the year interest in the general future of education in the country and in possible future developments of special interest to the School has been exceptionally great. A number of members of the staff of the School have participated, in one way or another, in a general examination of these issues. The most prominent of course is Lord Robbins, whose report to his committee was eagerly awaited at the end of the session. That committee had also been assisted more or less throughout their period of work by Professor C. A. Moser, as Statistical Adviser, and the results of the very extensive researches undertaken under Professor Moser's direction were awaited with almost equal interest. Professor Moser was himself anxious to continue in this general field of social study and on his initiative application was made to the Nuffield Foundation for assistance in the establishment of a special Research Unit for Economic and Statistical Studies on Higher Education at the School. The Foundation responded with a generous grant of £60,000, over a period of five years. The first appointments to the Unit have been agreed and it is expected that it will be in full operation early in 1964. At another level of education Professor Donnison and Mr. H. B. Rose have been brought into consultation as members of the re-constituted Central Advisory Committee for Education, and another link in the School's growing contact with the basic problems of education as part of social and economic studies has been created by my own appointment as Chairman of the Governing Board of the International Institute for Educational Planning, formed under the joint sponsorship of UNESCO and the International Bank.

#### MANAGEMENT STUDIES

A particular field of education which has been the subject of a great deal of discussion in recent months is that of Management Studies. Partly as a result of the growth of opinion in industry and partly as a result of expressions of view by the National Economic Development Council there has emerged widespread pressure for much more active development of such studies than has hitherto taken place in this country and suggestions have been made that new institutions should be founded consciously imitating American models. The School has of course always been interested in this field and has for many years, apart from teaching a number of relevant subjects at undergraduate level, conducted a one-year post-graduate course in Business Administration. We have naturally felt, therefore, that we had a contribution to make in the discussion of any larger scale development in this field. Earlier in the year we made application to the Foundation for Management Studies and the University Grants Committee for assistance in the development of research in these fields and we have been notified of a grant of £42,000 over four years to finance Research Fellowships for this purpose. An application for a parallel scheme of Studentships was unsuccessful because it is contrary to policy for funds which come in some proportion from the University Grants Committee to be used for the financing of Studentships.

Potentially of much greater significance have been discussions which we have had with the Imperial College of Science and Technology of possible joint activity in the field of management studies. We and Imperial College have been

working together in this field for some twelve years. On the undergraduate side the London School of Economics has provided lectures and tutorials in theoretical and applied economics for Imperial College students, principally engineers who take the optional paper in economics which has been recently introduced into the final degree engineering examinations. On the post-graduate side a student wishing to investigate the economic aspects of a technological problem can work under the joint supervision of a technologist from Imperial College and an economist from the London School of Economics. Following the recent discussions it has been felt that a more ambitious and formal joint activity is necessary and the Rector of Imperial College and I have accordingly put forward on our personal responsibility a suggestion for the creation in London of a new and independent Institute of Management Studies under the joint sponsorship of our two institutions. At the end of the year under review these proposals were being examined by Lord Franks, who had been asked by the interests concerned to report generally on the appropriate lines of development in this field.

#### ACADEMIC STAFF CHANGES

Professor T. F. T. Plucknett, Professor of Legal History, retired at the end of the session. He had held his chair since 1931, and held an unchallengeable position as a scholar particularly in the mediaeval part of his field of study. His replacement will not be easy and is likely to take some time. No other professorial losses took effect during the year but Professor R. G. Lipsey gave notice of his desire to resign from his Chair of Economics on appointment to be Head of the Department of Economics in the new University of Essex with effect from 1 October 1965. Mr. J. Wiseman similarly gave notice of resignation of his Readership in Economics on appointment to a Chair in the University of York and Mr. Peter Townsend resigned his Lectureship in Social Administration on appointment (from 1 October 1965) to a Chair at the University of Essex. It is clear that the loss of staff in this way is one of the contributions which the School will have to make to the expansion of university education in this country. We must resign ourselves, as a main source of supply of trained teachers in the social sciences, to a more rapid turnover and a constantly recurring problem of recruitment of untrained staff who may be attracted away from us as soon as we think we have them adequately trained.

Other academic changes are listed in the Appendix, including various promotions at all levels. They include three professorial appointments, those of Professor P. J. O. Self to the important Chair of Public Administration vacated by Professor Robson, Professor Lucy P. Mair as Professor of Applied Anthropology and Professor L. B. Schapiro as Professor of Political Science with special reference to Russian Studies, marking the recognition of the continued growth in the importance of Russian and Soviet Studies.

#### RESEARCH AND PUBLICATIONS

There is no diminution in the activity of staff and students in the pursuit of new knowledge and the publication of its results. The usual lists of publications made and donations received for research purposes are appended. Reference

has already been made to the two largest of the new grants, for Management Studies and for the new Research Unit for Economic and Statistical Studies on Higher Education. Note may also be taken among the many smaller grants, of the continued activity of the Greater London Research Group.

During the year it was decided to recognise a change in the status of the Survey Research Unit operating under Dr. W. A. Belson by separating it from the Research Techniques Division. The Unit is already engaged on studies financed by Home Office grants in the techniques of surveys and other methods in criminological research and is planning a series of studies in Questioning Techniques supported by donations from a number of firms interested in marketing (see details in the list in the Appendix).

#### STUDENT WELFARE

There were developments during the year in the School's attention to the general welfare of students. Extensive building alterations and re-planning of accommodation at Passfield Hall have made possible an increase of the number of residents from 143 to about 170; and the appointment of a full-time Warden is a recognition of the increased responsibilities of management in these new conditions and of the importance of maintaining the good relations between the students in residence and the staff of the Hall which have been traditional at Passfield. After full examination and careful consideration the Standing Committee approved the institution during the year of a Student Health Service providing non-domiciliary normal general practitioner service (other than domiciliary visits) for such students as need it. The service is under the general direction of Dr. Read, the School's Psychiatric Adviser, and the normal medical service is provided by Dr. H. Levitt, who attends regularly at fixed hours to deal with cases as they arise. Students are encouraged wherever possible to register in the ordinary way with a general practitioner near their place of residence under the National Health Service, but there remains a residuum of individuals who, for one reason or another, cannot easily do that as well as cases of emergency which need to be dealt with at the School. It is already clear that Dr. Levitt's services are being well used and fill a real need.

Another field in which it has for some time been thought that some special adviser might be needed is that of the overseas students. Many other university institutions have for some time had special advisers for overseas students and the University of London itself provides such a service centrally. In the School there has been a doubt whether, in a sense paradoxically, the very number of our overseas students makes such an arrangement inappropriate since all those concerned with advising students, either within the Registrar's office or as individual teachers, on their personal problems inevitably find that a high proportion of the cases they deal with are those of students from overseas, so that they are reasonably familiar with the special problems of such students; while the task of a specialist in that field, if he or she attempted to deal with the whole body of overseas students, would be very large. After discussion it was decided to make an experiment in order to ascertain whether or not a need or demand for specialist advice to overseas students in fact exists and a group of teachers who have had particularly close contact with such students was established as a committee or panel. The existence of the panel was publicised and it was made clear that overseas

students who so wished could approach any member of it for advice. In actual experience it was found that very few approaches were made and the tentative conclusion of the panel is that there is no necessity to establish any permanent organisation. This experimental arrangement is, however, being continued for a second session, at the end of which it may be possible to reach a definite decision.

#### STUDENT ACTIVITIES

The customary activities of the Students' Union have continued with their usual liveliness but without major developments. Particular attention again has been devoted to the promotion of debates and discussions, both in Students' Union meetings and at week-end conferences. In accordance with the trend of recent years relations with Students' Unions in other universities and colleges both in the United Kingdom and in Europe have absorbed a good deal of time and attention and the London School of Economics Students' Union has continued to play an active part in the meetings of the National Union of Students. All these activities make a heavy call on the time of the President and other leading officers of the Union, and there has for some time been apprehension that these calls would constitute too great a diversion from academic work. In the examinations of the summer of 1962 there proved to be a particular concentration of failure among the Students' Union officers, including the President-Elect, so that the Union was without a President to cope with the inevitable "opening of session" business and emergency action had to be taken, including a good deal of help from the President of the previous session, until a new President could be elected. There was no similar substantial list of failures among serving or newly elected Students' Union officers in 1963 and indeed the examination record of Presidents of the Students' Union for some years past has been very creditable. It is to be hoped, therefore, that it will remain possible to keep the inevitable calls upon their time such that they do not encroach dangerously on the time available for academic work.

The Athletic Union was able to report increased support for most of its constituent clubs and good, if not outstanding, results. The winter activities were seriously curtailed by the exceptionally cold weather, so that the football Clubs had to try to crowd a season's fixtures into a few weeks and the Sailing Club was reduced to using the Welsh Harp for skating instead of sailing! One consequence was a much increased use of the gymnasium by those anxious for some kind of physical exercise.

The Mountaineering Club again organised an ambitious expedition, repeating during the summer of 1963 their previous visit to the Andes. Most unhappily the expedition ended tragically with the death of two of its members, P. C. Bebbington and G. J. Sadler, both graduates of 1961. Widespread sympathy was felt with their relatives and their loss has been a very sad reminder of the perils and hardships which members of this Club have to face.

#### OBITUARY

A full list of losses by death is appended. Mr. Harold Booker, whose association with the School as a student and as a highly valued teacher of statistics extended over nearly thirty years, died early in 1963 after a long period of failing

health. His place as a teacher and colleague will be very hard to fill. No less than five Governors or former Governors of the School are among the list, including Lord Samuel, whose association with the London School of Economics went back to 1897.

An outstanding loss for the School was that of Lord Beveridge, who died in March last. This is not the place to praise the high distinction he achieved as a student of social affairs, as a civil servant and as a planner of practical social reform; but it is appropriate here to say something of his contribution to the London School of Economics. Coming to the School as Director in October, 1919 in the new atmosphere of the post-war world, with new possibilities of financial support and new prospects of enlarged buildings, he seized the opportunities of growth and development with a vigour and vision which give him a place in the history of its administration second only to Sidney Webb. Under his administration the School increased many times over in physical size and greatly enlarged both its full-time teaching staff and its student numbers. The finding of money for these new developments whether from the University Grants Committee or from private sources, occupied much of his energies; though his fund-raising efforts extended also to the University of London, where he played, as Vice-Chancellor, a key role in making possible the acquisition of the University's present home in Bloomsbury. Not all Beveridge's actions as Director were uncontroversial; some, indeed, worked out very differently from his own intentions. But in total there can be no doubt of the impetus he gave to the further growth and more effective organisation of the School.

The Administration of the School, acting on the request of Lord Beveridge's executors, took a substantial part in arranging a Memorial Service for him which was held in Westminster Abbey on 15 May. An address was given by Mr. John Fulton and the Service was attended by many connected with the School as well as by Ministers, leading Civil Servants and representatives of the numerous public activities with which Lord Beveridge had been associated.

Among other losses by death, special note may be taken of two of our Honorary Fellows, Sir Dennis Robertson, much loved by academic and practical economists alike, and President Sylvanus Olympio of Togoland, assassinated only a few weeks after he had been elected to an Honorary Fellowship. The sad loss of two members of the Mountaineering Club's Andean Expedition has already been mentioned.



ANNUAL ACCOUNTS  
1962—1963

REPORT OF THE AUDITORS

To the Governors of the London School of Economics and Political Science.

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit. In our opinion proper books of account have been kept by the company so far as appears from our examination of those books. We have examined the following Balance Sheet and Income and Expenditure Account which are in agreement with the books of account.

In our opinion and to the best of our information and according to the explanations given us the said accounts give the information required by the Companies Act, 1948, in the manner so required and the Balance Sheet gives a true and fair view of the state of the company's affairs as at the 31st July, 1963, and the Income and Expenditure Account gives a true and fair view of the income and expenditure for the year ended on that date.

We are of the opinion that monies expended during the year out of non-recurrent grants received from the Court of the University of London and other funds administered by the School for specific purposes have been properly applied to those purposes.

KNOX, CROPPER, GEDGE & CO.  
Chartered Accountants,  
*Auditors.*

SPENCER HOUSE, SOUTH PLACE,  
MOORGATE, E.C.2.  
22nd November, 1963.

**BALANCE SHEET, 31st JULY, 1963.**

1962		FUNDS AND LIABILITIES			
£	£			£	£
	448,544	<b>Freehold Land and Buildings Fund</b> .. .. .		448,544	
	162,064	<b>Rockefeller Endowment Fund</b> ..		164,333	
	263,183	<b>Trust Funds</b> (Schedule No. 5) ..		274,731	
		<b>Other Funds and Current Liabilities</b>			
100,992		Special Funds (Schedule No. 6)	88,564		
3,650		Provision for Equipment and Repairs .. .. .	3,300		
73,024		Sundry Creditors .. .. .	40,164		
4,884		Receipts in Advance .. .. .	12,196		
	182,550		144,224		
		<b>Surplus</b>			
3,602		General Reserve .. .. .	3,602		
11,853		Income and Expenditure Account .. .. .	9,663		
	198,005		157,489		

1962		ASSETS			
£	£			£	£
	448,544	<b>Freehold Land and Buildings</b> (Schedule No. 4) .. .. . (Valued for insurance at £858,260)		448,544	
	123,662	<b>Rockefeller Endowment Fund</b>			
		Investments (Schedule No. 1) ..	120,759		
13,968		Freehold Property—31 John Adam Street, London (Valued for insurance at £14,000) ..	13,968		
15,000		Loan for Anson Road hostel ..	19,407		
8,502		Loans for Housing .. .. .	10,000		
932		Cash at Bank .. .. .	199		
	162,064		164,333		
		<b>Trust Funds</b>			
	238,103	Investments (Schedule No. 2) ..	258,813		
		Freehold Property—111/112 High Street, Gosport, Hants. (Valued for insurance at £35,805) .. .. .	8,850		
8,850		Cash at Bank .. .. .	7,068		
16,230			274,731		
	263,183				
		<b>Other Assets</b>			
21,760		Investments (Schedule No. 3) ..	26,006		
2,570		Anson Road hostel .. .. .	—		
8,903		Loans for Housing .. .. .	9,893		
73,286		Sundry Debtors .. .. .	72,291		
		Payments in advance and Other Current Assets .. .. .	28,825		
21,602		Cash at Bank and in Hand ..	20,474		
69,884			157,489		
	198,005				

BRIDGES, *Chairman.*  
SYDNEY CAINE, *Director.*

*NOTE.*—The expenditure on Buildings other than Freeholds, the values of the Library and the Equipment and Furniture are not included in this Balance Sheet. No provision has been made for depreciation of fixed assets.

£1,071,796

£1,045,097

£1,071,796

£1,045,097

**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st JULY, 1963**

1961-62		EXPENDITURE		1961-62	
£	£	£	£	£	£
<b>1. Administration and Common Services</b>					
67,521		Salaries .. .. .	78,459		
4,470		Superannuation .. .. .	5,121		
		Printing, Stationery, Advertising, Post- age and Telephones .. .. .	31,194		
28,501		Other Expenses .. .. .	2,609		
56					
100,548				117,383	
 <b>2. Departmental Maintenance</b>					
413,151		Teaching Staff—Salaries .. .. .	445,414		
36,949		"    "    —Superannuation .. .. .	41,268		
21,069		Research Expenditure met from Income	24,168		
76,337		Research expenditure met by donations	120,335		
39,142		Departmental Staff—Salaries .. .. .	45,864		
2,168		"    "    —Superannuation .. .. .	2,399		
9,172		Departmental Maintenance .. .. .	12,151		
597,988				691,599	
 <b>3. Library</b>					
46,104		Salaries .. .. .	52,189		
3,409		Superannuation .. .. .	3,761		
170		Edward Fry Library .. .. .	159		
		Purchases of books and periodicals, bind- ing and other expenditure .. .. .	24,753		
22,154	71,837			80,862	
 <b>4. Maintenance of Premises</b>					
15,214		Rents .. .. .	14,623		
19,926		Rates .. .. .	26,918		
2,014		Insurances .. .. .	2,475		
17,568		Heat, light and water .. .. .	20,758		
9,815		Equipment .. .. .	9,591		
19,946		Repairs and general maintenance .. .. .	27,190		
63,420		Salaries and wages .. .. .	71,846		
2,624		Superannuation .. .. .	3,040		
150,527				176,441	

1961-62		INCOME		1961-62	
£	£	£	£	£	£
<b>1. Endowments</b>					
(a) Appropriated for particular purposes:					
500		Montague Burton Trust .. .. .	500		
341		Business Administration Trust .. .. .	323		
6,609		Cassel Trust (Commerce) .. .. .	7,156		
		Cassel Trust (Modern Languages) .. .. .	—		
62		Auguste Comte Trust .. .. .	110		
238		Hobhouse Trust .. .. .	119		
50		Malinowski Trust .. .. .	64		
100		Passfield Trust .. .. .	535		
727		Skepper Trust .. .. .	728		
1,200		Stevenson Trust .. .. .	1,253		
106		Tooke Trust .. .. .	110		
603		Martin White Trust .. .. .	629		
110		Whittuck Trust .. .. .	96		
10,646				11,623	
(b) Appropriated for general purposes:					
117		Ratan Tata Fund .. .. .	122		
13,519		Rockefeller Endowment Fund .. .. .	13,848		
13,636				13,970	
 <b>2. Donations and Subscriptions</b>					
(a) For Research:					
76,337		Sundry Donations (Schedule No. 7) .. .. .	120,335		
(b) For other purposes:					
940		American studies .. .. .	1,273		
		Noel Buxton Trust .. .. .	411		
		Chair in the Economics of Underdev- eloped Countries and Economic Development .. .. .	3,857		
2,997		Edward Fry Trust .. .. .	159		
170		Ford Foundation .. .. .	12,276		
11,266		Leverhulme .. .. .	1,504		
		Statistics and Computing .. .. .	227		
1,189		Sundry Donations .. .. .	54		
425					
16,987				19,761	
 <b>3. Grants</b>					
618,845		University Court .. .. .	714,000		
76,696		"    "    Salaries 1962 .. .. .	18,648		
		"    "    "    1963 .. .. .	18,842		
		"    "    Rates .. .. .	36,287		
695,541				787,777	

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st JULY, 1963—continued

<p><b>5. Educational Expenses</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%; text-align: right;">1,596</td><td style="width: 80%;">Examinations .. .. .</td><td style="width: 10%; text-align: right;">1,783</td></tr> <tr><td style="text-align: right;">160</td><td>Public Lectures .. .. .</td><td style="text-align: right;">173</td></tr> <tr><td style="text-align: right;">711</td><td>Publications .. .. .</td><td style="text-align: right;">1,459</td></tr> <tr><td style="text-align: right;">3,412</td><td>Studentships, scholarships and bursaries</td><td style="text-align: right;">4,782</td></tr> <tr><td style="text-align: right;">242</td><td>Contribution to Universities Central Council on Admissions .. ..</td><td style="text-align: right;">1,455</td></tr> <tr><td style="border-top: 1px solid black; text-align: right;">6,121</td><td></td><td style="border-top: 1px solid black; text-align: right;">9,652</td></tr> </table> <p><b>6. Student Facilities and Amenities</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%; text-align: right;">7,328</td><td style="width: 80%;">Grants to Unions and Union Societies ..</td><td style="width: 10%; text-align: right;">7,665</td></tr> <tr><td style="text-align: right;">6,892</td><td>Athletics Ground Maintenance .. ..</td><td style="text-align: right;">6,495</td></tr> <tr><td style="text-align: right;">3,968</td><td>Careers Advisory Service .. ..</td><td style="text-align: right;">4,321</td></tr> <tr><td style="text-align: right;">3,490</td><td>Medical Services .. .. .</td><td style="text-align: right;">4,775</td></tr> <tr><td style="text-align: right;">1,556</td><td>Students' Hostel:</td><td></td></tr> <tr><td style="text-align: right;">(Cr.) 319</td><td>Wardens .. .. .</td><td style="text-align: right;">2,988</td></tr> <tr><td style="border-top: 1px solid black; text-align: right;">22,915</td><td>Loss for year .. .. .</td><td style="border-top: 1px solid black; text-align: right;">773</td></tr> <tr><td></td><td></td><td style="text-align: right;">27,017</td></tr> </table> <p><b>7. Capital Expenditure Met from Income</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%; text-align: right;">1,002</td><td style="width: 80%;"></td><td style="width: 10%; text-align: right;">3,724</td></tr> </table> <p><b>8. Other Expenditure</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%; text-align: right;">100</td><td style="width: 80%;">Benevolent Fund .. .. .</td><td style="width: 10%; text-align: right;">100</td></tr> <tr><td style="text-align: right;">3,577</td><td>Hospitality and entertainment allowance</td><td style="text-align: right;">4,049</td></tr> <tr><td style="text-align: right;">4,831</td><td>Pensions met from General Income ..</td><td style="text-align: right;">5,616</td></tr> <tr><td style="text-align: right;">1,035</td><td>Subventions to Research .. .. .</td><td style="text-align: right;">137</td></tr> <tr><td style="text-align: right;">891</td><td>Sundry Expenses .. .. .</td><td style="text-align: right;">856</td></tr> <tr><td style="border-top: 1px solid black; text-align: right;">10,434</td><td></td><td style="border-top: 1px solid black; text-align: right;">10,758</td></tr> </table> <p><b>9. Transfer to Special Account</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%; text-align: right;">—</td><td style="width: 80%;">Rates suspense .. .. .</td><td style="width: 10%; text-align: right;">6,296</td></tr> </table>	1,596	Examinations .. .. .	1,783	160	Public Lectures .. .. .	173	711	Publications .. .. .	1,459	3,412	Studentships, scholarships and bursaries	4,782	242	Contribution to Universities Central Council on Admissions .. ..	1,455	6,121		9,652	7,328	Grants to Unions and Union Societies ..	7,665	6,892	Athletics Ground Maintenance .. ..	6,495	3,968	Careers Advisory Service .. ..	4,321	3,490	Medical Services .. .. .	4,775	1,556	Students' Hostel:		(Cr.) 319	Wardens .. .. .	2,988	22,915	Loss for year .. .. .	773			27,017	1,002		3,724	100	Benevolent Fund .. .. .	100	3,577	Hospitality and entertainment allowance	4,049	4,831	Pensions met from General Income ..	5,616	1,035	Subventions to Research .. .. .	137	891	Sundry Expenses .. .. .	856	10,434		10,758	—	Rates suspense .. .. .	6,296	<p><b>4. Fees</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%; text-align: right;">127,651</td><td style="width: 80%;">Tuition .. .. .</td><td style="width: 10%; text-align: right;">154,941</td></tr> <tr><td style="text-align: right;">1,530</td><td>Registration .. .. .</td><td style="text-align: right;">—</td></tr> <tr><td style="text-align: right;">1,149</td><td>Examination .. .. .</td><td style="text-align: right;">416</td></tr> <tr><td style="border-top: 1px solid black; text-align: right;">130,330</td><td></td><td style="border-top: 1px solid black; text-align: right;">155,357</td></tr> </table> <p><b>5. Contributions received for Services Rendered</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%; text-align: right;">6,048</td><td style="width: 80%;"></td><td style="width: 10%; text-align: right;">7,813</td></tr> </table> <p><b>6. 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Transfers from Special Accounts</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%; text-align: right;">294</td><td style="width: 80%;">Business Administration .. .. .</td><td style="width: 10%; text-align: right;">419</td></tr> <tr><td style="text-align: right;">3,858</td><td>King's Chambers Suspense Account ..</td><td style="text-align: right;">—</td></tr> <tr><td style="text-align: right;">1,572</td><td>St. Clements Building Suspense Account</td><td style="text-align: right;">—</td></tr> <tr><td style="border-top: 1px solid black; text-align: right;">5,724</td><td></td><td style="border-top: 1px solid black; text-align: right;">419</td></tr> </table>	127,651	Tuition .. .. .	154,941	1,530	Registration .. .. .	—	1,149	Examination .. .. .	416	130,330		155,357	6,048		7,813	635	Interest received .. .. .	645	1,995	Rents .. .. .	3,463	374	Sundry receipts .. .. .	379	3,004		4,487	294	Business Administration .. .. .	419	3,858	King's Chambers Suspense Account ..	—	1,572	St. Clements Building Suspense Account	—	5,724		419
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961,372	TOTAL EXPENDITURE	1,123,732	958,253	TOTAL INCOME	1,121,542																																																																																																					
£961,372		£1,123,732	3,119	Excess of expenditure over income c/d	2,190																																																																																																					
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11,853	Balance carried forward .. .. .	9,663	14,972	Surplus from previous years .. ..	11,853																																																																																																					
£14,972		£11,853	£14,972		£11,853																																																																																																					

NOTE.—The aggregate amount to be disclosed under Section 196 (1) of the Companies Act, 1948, is £6,050.

INVESTMENTS HELD AT 31st JULY, 1963

SCHEDULE No. 1

ROCKEFELLER ENDOWMENT FUND:—

I. QUOTED

	NOMINAL VALUE			COST			MARKET VALUE		
	£	s.	d.	£	s.	d.	£	s.	d.
BRITISH GOVERNMENT STOCKS AND STOCKS OF OTHER PUBLIC AUTHORITIES.									
3% Savings Bonds, 1965-75	324	4	6	273	13	11	266		
Irish Free State 4½% Land Bonds, 2004	1,111	0	0	1,202	10	11	933		
	1,476	4	10	1,476	4	10	1,199	1.2	1,199
DEBENTURE STOCKS									
Atlas Electric & General Trust Ltd. 5% Debenture Stock, 1979	2,000	0	0	2,334	16	6	1,790		
Broadstone Investment Trust Ltd. 4% Debenture Stock, 1974-79	4,000	0	0	3,062	13	5	3,300		
Caledonia Investments Ltd. 6% Redeemable Debenture Stock, 1980-85	3,400	0	0	3,273	2	0	3,298		
English & International Trust Ltd. 4½% Debenture Stock, 1978-83	1,700	0	0	1,699	2	9	1,377		
Esso Petroleum Co. Ltd. 5½% First Debenture Stock, 1974-78	2,000	0	0	1,940	0	0	1,980		
Imperial Chemical Industries Ltd. 4½% Unsecured Loan Stock, 1972-74	3,000	0	0	3,000	0	0	2,670		
Mercantile Investment Trust Ltd. 4% Debenture Stock, 1960-68	2,410	0	0	2,398	1	4	2,193		
John Summers & Sons Ltd. 6½% Convertible Second Debenture Stock, 1976-78	500	0	0	495	0	0	522		
Western Ground Rents Ltd. 3¼% Debenture Stock, 1991	1,000	0	0	734	5	2	625		
Whitbread & Co. Ltd. 4% First Mortgage Debenture Stock, 1964-84	2,000	0	0	1,970	0	0	1,590		
	20,907	1	2	20,907	1	2	19,295	17.6	19,295
PREFERENCE									
Caledonia Investments Ltd. "B" Preference Stock	5,000	0	0	7,250	0	0	3,250	6.1	3,250

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EQUITIES

British American Tobacco Co. Ltd. Ordinary Stock (10/- units)	1,500	0	0	4,306	19	6	8,250		
British Petroleum Co. Ltd. Ordinary Stock	1,920	0	0	4,104	1	6	5,592		
Caledonian Trust Co. Ltd. Ordinary Stock (5/- units)	2,149	0	0	2,215	19	3	7,521		
Clyde & Mersey Investment Trust Ltd. Ordinary Stock (5/- units)	2,250	0	0	3,862	9	3	11,137		
Continental & Industrial Trust Ltd. Ordinary Stock (5/- units)	2,566	15	0	5,906	14	7	13,475		
Distillers Co. Ltd. Ordinary Shares of 10/- each	2,475	0	0	4,812	12	0	8,662		
Home & Foreign Investment Trust Ltd. Ordinary Stock (5/- units)	6,000	0	0	4,014	9	4	16,950		
Imperial Chemical Industries Ltd. Ordinary Stock	1,890	0	0	2,751	2	0	5,847		
Industrial & General Trust Ltd. Ordinary Stock (5/- units)	1,071	0	0	2,318	11	9	6,426		
Lancashire Cotton Corporation Ltd. Ordinary Stock	3,500	0	0	4,187	10	9	7,569		
Liner Holdings Co. Ltd. Stock	3,000	0	0	4,049	19	6	8,175		
Liverpool Warehousing Co. Ltd. Ordinary Stock (4/- units)	1,034	16	0	2,897	5	4	2,328		
London & Montrose Investment Trust Ltd. Ordinary Stock (5/- units)	4,500	0	0	5,055	0	0	22,500		
London & Overseas Investment Co. Ltd. Ordinary Shares of 5/- each	333	0	0	333	0	0	799		
Mercantile Investment Trust Ltd. Ordinary Stock (5/- units)	924	0	0	1,485	10	9	5,221		
Metal Traders Ordinary Stock (2/- units)	1,150	0	0	5,020	19	9	2,444		
Redland Holdings Ltd. Ordinary Stock (5/- units)	1,400	0	0	3,274	3	0	6,930		
Scottish & Newcastle Breweries Ltd. Ordinary Stock	2,500	0	0	3,414	15	11	6,484		
Shell Transport & Trading Co. Ltd. Ordinary Shares of 5/- each	2,281	0	0	5,932	10	0	19,503		
Sphere Investment Trust Ltd. Ordinary Shares of 5/- each	2,250	0	0	3,021	7	0	8,325		
John Summers & Sons Ltd. Ordinary Shares of £1 each	2,025	0	0	4,679	8	3	2,658		
Tube Investments Co. Ltd. Ordinary Stock	1,000	0	0	2,098	16	3	2,719		
Turner & Newall Ltd. Ordinary Stock	3,100	0	0	3,973	13	4	7,459		
Westminster Bank Ltd. "B" Shares of £1 each	1,820	0	0	5,358	13	10	6,279		
	89,075	12	10	89,075	12	10	193,253	75.1	193,253
	£118,708	18	10	£118,708	18	10	£216,997	100.0	£216,997

TOTAL OF QUOTED INVESTMENTS

2. UNQUOTED

Economists' Bookshop Ltd.:									
"B" Shares of £1 each	2,000	0	0	2,000	0	0	0	0	0
"C" Shares of £1 each	50	0	0	50	0	0	0	0	0
	2,050	0	0	2,050	0	0	0	0	0
	£120,758	18	10	£120,758	18	10			

TOTAL CARRIED TO THE BALANCE SHEET

69

INVESTMENTS HELD AT 31st JULY, 1963—continued.

SCHEDULE No. 2

INVESTMENTS HELD FOR TRUST FUNDS:—  
A. GENERAL (NARROW POWERS) POOL

I. QUOTED	NOMINAL VALUE		MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST		MARKET VALUE	
	£	s. d.	£	s. d.	£	%
BRITISH GOVERNMENT STOCKS AND STOCKS OF OTHER PUBLIC AUTHORITIES						
Agricultural Mortgage Corporation Ltd. 5% Debenture, 1959-89	4,700	0 0	4,136	0 0	4,230	
British Gas 3% Guaranteed Stock, 1990-95	3,860	4 10	2,412	13 0	2,625	
British Transport 3% Stock, 1978-88	27,629	7 11	18,373	11 0	19,478	
5% Conversion Stock, 1971	5,939	6 7	5,879	18 8	5,969	
3½% Funding Stock, 1969-2004	60,000	0 0	40,132	1 8	42,900	
3% Savings Bonds, 1965-75	11,782	1 3	9,366	14 9	9,661	
3½% Treasury Stock, 1979-81	1,175	5 6	904	19 3	958	
	81,205	18 4	45.9		85,821	

70

DEBENTURES

De la Rue Co. Ltd. 5½% Debenture Stock, 1988-93	10,000	0 0	9,900	0 0	10,087	
Radio Rentals Ltd. 6¼% Convertible Loan Stock, 1983-88 (50% paid)	5,000	0 0	3,014	12 5	3,100	
Sheepbridge Engineering Ltd. 5¼% Debenture Stock, 1984-89 (50% paid)	10,000	0 0	5,000	0 0	5,075	
Whitbread Investment Co. Ltd. 5¾% Debenture Stock, 1984-89	10,000	0 0	9,800	0 0	10,150	
	27,714	12 5	15.7		28,412	

EQUITIES

Allied Breweries Ltd. Ordinary 5/- Shares	2,500	0 0	6,559	4 6	6,875	
Courtaulds Ltd. Ordinary Stock	2,000	0 0	6,012	10 0	6,750	
Distillers Co. Ltd. Ordinary 10/- Shares	2,000	0 0	6,492	10 10	7,000	
Dunlop Rubber Co. Ltd. Ordinary Stock (10/- units)	1,500	0 0	4,950	0 0	4,912	
Great Universal Stores Ltd. "A" Ordinary 5/- Stock Units	625	0 0	6,392	16 7	6,750	
Imperial Chemical Industries Ltd. Ordinary Stock	2,000	0 0	6,367	19 9	6,187	
Lancashire Cotton Corporation Ltd. Ordinary Stock	1,000	0 0	2,200	0 0	2,162	
Lewis's Investment Trust Ltd. Ordinary 4/- Shares	800	0 0	2,878	8 6	2,900	
Leyland Motor Corporation Ltd. Ordinary Stock	1,000	0 0	4,312	10 0	4,437	
London & Strathclyde Trust Ltd. Ordinary 5/- Stock Units	2,000	0 0	6,111	1 9	6,200	
J. Lyons & Co. Ltd. "A" Ordinary Stock	1,000	0 0	3,750	0 0	3,762	
Scottish United Investors Ltd. Ordinary Stock 5/- Units	1,875	0 0	6,161	11 10	5,906	
Turner & Newall Ltd. Ordinary Stock	1,200	0 0	2,887	10 0	2,887	
Worthington Simpson Ltd. Ordinary 10/- Shares	650	0 0	2,803	2 6	2,559	
	67,879	6 3	38.4		69,287	
	£176,799	17 0	100.0		£183,520	

TOTAL

The General (Narrow Powers) pool consists of 175,347 investment units. At 31 July 1963 the market value of the investments held represented a value for each investment unit of 20s. 11d. The investment units are held for the following trusts:

NAME OF TRUST	No. OF UNITS HELD
Sir William Acworth Memorial	1,696
Bowley Prize	169
Cassel Teaching in Commerce	146,887
Cassel Teaching of Modern Languages	16,656
Mary Elizabeth Christie Memorial	415
Auguste Comte Memorial	701
Hobhouse Memorial	1,095
Hutchinson Medal	13
Lilian Charlotte Knowles Memorial	907
Harold Laski Scholarship	1,035
Charles Mostyn Lloyd Prize	351
Wilson Potter	95
Premchand Prize	456
Rosebery	2,480
Graham Wallas	142
Whittuck Lectureship in Commercial Law	2,096
Allyn Young Prize	153
	175,347

**INVESTMENTS HELD AT 31st JULY, 1963—continued.**

**SCHEDULE No. 2—continued**

**B. CAPITAL EXPENDITURE (NARROW POWERS) POOL**

1. QUOTED	NOMINAL VALUE	MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST			MARKET VALUE
		£	s. d.	%	
BRITISH GOVERNMENT STOCKS AND STOCKS OF OTHER PUBLIC AUTHORITIES					
5½% Exchequer Stock, 1966 .. .. .	7,925 18 11	8,103 11 7	53.6	8,271	
EQUITIES					
Canadian & Foreign Investment Trust Ltd. Ordinary 5/- Shares .. .. .	750 0 0	3,394 6 8		3,375	
Second Scottish Northern Investment Trust Ltd. Ordinary 5/- Shares .. .. .	750 0 0	3,634 2 10		3,563	
		7,028 9 6	46.4	6,938	
<b>TOTAL OF QUOTED INVESTMENTS</b>		<b>£15,132 1 1</b>	<b>100.0</b>	<b>£15,209</b>	
<b>2. UNQUOTED</b>					
Chelmsford R.D.C. 7% Mortgage .. .. .		2,400 0 0			
Darlaston U.D.C. 5¾% Loan .. .. .		5,000 0 0			
		7,400 0 0			
<b>TOTAL OF UNQUOTED INVESTMENTS</b>		<b>£22,532 1 1</b>		<b>22,396</b>	

The Capital Expenditure (Narrow Powers) pool consists of 22,396 investment units. At 31 July 1963 the market value of the investments held represented a value for each investment unit of 20s. 2d. The investment units are held for the following trusts:

NAME OF TRUST	No. of UNITS HELD
Department of Business Administration .. .. .	5,823
Dixon Cambridge Bowl and Cup .. .. .	56
Chair of Economics of Underdeveloped Countries and Economic Development .. .. .	2,400
Rees Jeffreys Research Fellowship .. .. .	2,389
Research Fellowship in the Economics of Latin America .. .. .	11,728
	<b>22,396</b>

**C. OTHER**

**1. QUOTED**

**BRITISH GOVERNMENT STOCKS AND STOCKS OF OTHER PUBLIC AUTHORITIES**

OTHER PUBLIC AUTHORITIES	NAME OF FUND	NOMINAL VALUE			COST			MARKET VALUE
		£	s. d.	%	£	s. d.	%	
British Transport 3% Guaranteed Stock, 1968-73 .. .. .	Rees Jeffreys Studentship	475 7 7	466 16 0	409				
5% Conversion Stock, 1971 .. .. .	Research in Advertising	2,155 18 0	2,000 0 0	2,167				
5½% Conversion Stock, 1974 .. .. .	Ormsby	1,001 1 0	1,000 0 0	1,006				
" " " " .. .. .	Janet Beveridge	584 9 6	538 6 10	596				
" " " " .. .. .	Farr	52 7 11	53 8 6	53				
" " " " .. .. .	Gonner	126 4 6	125 4 4	129				
" " " " .. .. .	Hughes Parry	339 2 10	342 18 7	346				
" " " " .. .. .	Malinowski	164 13 4	162 6 9	168				
" " " " .. .. .	Manor Charitable	988 13 7	1,000 0 0	1,008				
" " " " .. .. .	Skepper	3,335 17 11	3,282 5 9	3,403				
6% Conversion Stock, 1972 .. .. .	Codrington	314 0 4	312 1 2	331				
5½% Exchequer Stock, 1966 .. .. .	Research in Advertising	1,925 0 1	2,000 0 0	2,009				
3½% Funding Stock, 1999-2004 .. .. .	History of Prices & Wages	2,318 3 7	2,301 13 6	2,419				
5½% Funding Stock, 1982-84 .. .. .	Skepper	15,781 4 1	10,271 9 8	11,284				
3% Savings Bonds, 1960-70 .. .. .	Chidambaram Chettiar	536 2 4	538 16 3	550				
5½% Treasury Stock, 2008-12 .. .. .	Singer	274 8 9	235 16 5	243				
	Gourgey	26 8 4	25 0 0	27				
			£24,646 3 9	26,148				

**DEBENTURE STOCKS**

Canadian Pacific Railway Co. 4% Perpetual Consolidated Debenture Stock .. .. .

1,152 0 0 .. .. . Hutchins

**PREFERENCE**

Montague Eurton Ltd. 7% Cumulative Preference Shares of £1 each .. .. .

5,780 0 0 .. .. . Montague Eurton Studentships

**EQUITIES**

Allied Breweries Ltd. Ordinary Shares of 5/- each .. .. .

100 0 0 .. .. . Codrington

Anglo Scottish Investment Trust Ltd. 5/- Ordinary Stock Units .. .. .

87 10 0 .. .. .

Birmid Industries Ltd. Ordinary Shares of £1 each .. .. .

840 0 0 .. .. . Rees Jeffreys Studentship





INVESTMENTS HELD AT 31st JULY, 1963—continued.

SCHEDULE No. 3—continued  
EQUITIES—continued

NAME OF FUND	NOMINAL VALUE			COST			MARKET VALUE
	£	s.	d.	£	s.	d.	
Hong Kong & Shanghai Banking Corporation							
Shares of HK \$25 each .. .. .	HK \$2,500			1,331	4	6	1,800
Imperial Chemical Industries Ltd. Ordinary Stock .. .. .	184	0	0	632	12	9	569
Royal Insurance Co. Ltd. Ordinary Stock (5/- units) .. .. .	70	0	0	577	1	6	556
				10,268	12	5	13,950
				<u>£24,635</u>	<u>4</u>	<u>7</u>	<u>£28,012</u>

TOTAL OF QUOTED INVESTMENTS

2. UNQUOTED

Abbey National Building Society: Share Account .. .. .

710

660

0

0

TOTAL OF UNQUOTED INVESTMENTS

£1,370

6

9

TOTAL CARRIED TO THE BALANCE SHEET

£26,005

11

4

FREEHOLD LAND AND BUILDINGS AT 31st JULY, 1963

SCHEDULE No. 4

School Properties:—

	Cost
	£
Athletics Ground and Pavilions .. .. .	29,750
1, 2 & 3 Clare Market and 12 Houghton Street .. .. .	36,542
11 Clements Inn Passage .. .. .	2,500
12 Clements Inn Passage .. .. .	2,579
13 & 14 Houghton Street .. .. .	9,159
15 Houghton Street .. .. .	3,300
16 Houghton Street .. .. .	35,688
17, 18 & 19 Houghton Street .. .. .	118,426
King's Chambers .. .. .	146,215
4 Portugal Street .. .. .	35,717
St. Clement Dane's Parish Hall .. .. .	28,668

£448,544

TRUST FUNDS AT 31st JULY, 1963

SCHEDULE No. 5	CAPITAL	UNEXPENDED INCOME
NAME OF FUND	£	£
Sir William Acworth Memorial .. .. .	1,710	71
Research in Advertising and Promotional Activity ..	12,849	—
Harriet M. Bartlett .. .. .	36	—
Reg Bassett Memorial .. .. .	360	—
Janet Beveridge .. .. .	538	31
Bowley Prize .. .. .	170	26
Montague Burton Chair of International Relations ..	8,850	—
Montague Burton Memorial .. .. .	5,780	312
Department of Business Administration .. .. .	6,160	—
Cassel Teaching in Commerce .. .. .	148,146	—
Cassel Teaching of Modern Languages .. .. .	16,799	1,567
Chidambaram Chettiar .. .. .	500	91
Mary Elizabeth Christie Memorial .. .. .	419	4
Sally Codrington .. .. .	1,250	15
Auguste Comte Memorial .. .. .	707	581
Dixon Cambridge Bowl and Cup .. .. .	57	2
Chair of Economics of Underdeveloped Countries and Economic Development .. .. .	5,889	—
Research Fellowship in the Economics of Latin America .. .. .	14,073	—
Farr Prize .. .. .	129	81
Gonner Prize .. .. .	125	7
Gourgey .. .. .	25	—
Greek Shipowners' Scholarship .. .. .	986	—
History of Prices and Wages .. .. .	1,674	—
Hobhouse Memorial .. .. .	1,125	—
Hutchins' Studentship for Women .. .. .	1,716	432
Hutchinson Medal .. .. .	13	3
Rees Jefferys' Research Fellowship .. .. .	2,565	—
Rees Jefferys' Studentship .. .. .	5,505	246
Lilian Charlotte Knowles Memorial .. .. .	915	41
Harold Laski Scholarship .. .. .	1,044	65
Charles Mostyn Lloyd Prize .. .. .	354	29
Manor Charitable Trust .. .. .	2,298	—
Malinowski Memorial Lecture .. .. .	1,167	174
George and Hilda Ormsby .. .. .	1,000	25
Hughes Parry Prize .. .. .	343	18
Wilson Potter .. .. .	96	9
Premchand Prize .. .. .	460	31
Rosebery .. .. .	2,501	134
Singer Research .. .. .	981	106
Skepper .. .. .	13,554	—
Statistics and Computing .. .. .	4,198	—
Dr. Tugendhat .. .. .	1,151	—
Graham Wallas .. .. .	143	—
Whittuck Lectureship in Commercial Law .. .. .	2,114	—
Allyn Young Prize .. .. .	154	1
	<u>£270,629</u>	<u>£4,102</u>

SPECIAL FUNDS AT 31st JULY, 1963

SCHEDULE No. 6	£
American Studies .. .. .	2,065
Anthropology (Malinowski) Library .. .. .	45
British Petroleum Co. Ltd. .. .. .	1,435
Brookings Institute .. .. .	1,493
Montague Burton Fund .. .. .	248
Cadbury .. .. .	3
Carnegie .. .. .	4,155
Columbia University .. .. .	90
Commerce Degree .. .. .	772
Commonwealth Fund .. .. .	141
Discretionary Pensions .. .. .	13,692
H. V. Duckworth .. .. .	34
Electricity Council .. .. .	250
Ford Foundation:	
Human Behaviour .. .. .	359
International Studies .. .. .	5,339
Home Office:	
Methods of Investigating Crime .. .. .	2,262
Houblon-Norman .. .. .	342
P. D. Leake Fellowship .. .. .	667
Leverhulme Trust .. .. .	1,488
Library Catalogue .. .. .	6,353
Manchester Oil Refinery .. .. .	2,275
National Science Foundation .. .. .	2,983
National Institute of Mental Health:	
Dr. Himmelweit .. .. .	89
Mr. P. Townsend .. .. .	219
Nuffield Foundation:	
London/Cornell .. .. .	7,000
Government in Greater London .. .. .	1,146
History of Prices and Wages .. .. .	1,965
Soviet Law .. .. .	3,280
Office of Health Economics .. .. .	208
Passfield Fund .. .. .	9,969
Passfield Trust .. .. .	374
Publication Funds:	
Economica .. .. .	2,964
Reprints .. .. .	1,864
Sociological Publications .. .. .	418
Questionnaire Research .. .. .	1,310
Rockefeller Foundation .. .. .	842
Rodwell Jones Memorial .. .. .	77
Rowntree Trust:	
Fellowship in Social Administration .. .. .	564
History of Prices and Wages .. .. .	1,964
Housing Study .. .. .	3,197
Miss A. A. Nevitt .. .. .	590
Shell:	
Economics .. .. .	746
Geography .. .. .	750
Social Administration Research .. .. .	37
Student Loans:	
Long-Term .. .. .	1,058
Mental Health .. .. .	448
Social Science .. .. .	224
Wellcome Foundation .. .. .	55
Wenner-Gren:	
Professor Firth .. .. .	119
S.E. Asia Research .. .. .	596
	<u>£88,564</u>

**DONATIONS AND SUBSCRIPTIONS FOR RESEARCH**

**SCHEDULE No. 7**

	£
Brookings Institute .. .. .	2,755
Carnegie .. .. .	289
City Parochial Foundation .. .. .	1,000
Department of Scientific and Industrial Research:	
Professor Glass .. .. .	3,519
Dr. Himmelweit .. .. .	4,774
Supervisory Tasks .. .. .	3,869
Ford Foundation:	
Human Behaviour .. .. .	290
International Studies .. .. .	11,025
Research Techniques Division .. .. .	3,199
Gulbenkian Foundation .. .. .	25
Home Office:	
Methods of Investigating Crime .. .. .	10,216
Prison Sentences .. .. .	127
Mr. Hall Williams .. .. .	136
Research Fellowship in the Economics of Latin America .. .. .	3,801
P. D. Leake Fellowship .. .. .	3,667
Manchester Oil Refinery .. .. .	37
Medical Research Council .. .. .	2,484
Ministry of Health .. .. .	119
National Institute of Mental Health:	
Dr. Himmelweit .. .. .	89
Mr. Holly .. .. .	18
Mr. Townsend .. .. .	18,100
National Science Foundation .. .. .	5,557
Nuffield Foundation:	
Government in Greater London .. .. .	3,035
History of Prices and Wages .. .. .	88
London/Cornell .. .. .	6,795
Prison Sentences .. .. .	127
Research Techniques Division .. .. .	4,657
Soviet Law .. .. .	2,815
Mr. Townsend .. .. .	81
Unit for Economic and Statistical Studies in Higher Education .. .. .	73
Nuffield Provincial Hospitals Trust .. .. .	2,353
Office of Health Economics .. .. .	92
Passfield Trust:	
Dr. Abel-Smith .. .. .	175
Research .. .. .	47
Research Fellowship .. .. .	165
Questionnaire Research .. .. .	2,353
Rees Jeffreys Road Fund .. .. .	5,317
Rockefeller Foundation:	
International Studies .. .. .	1,592
Mr. MacFarquhar .. .. .	742
Professor Robson .. .. .	41
Rowntree Trust:	
Fellowship in Social Administration .. .. .	186
History of Prices and Wages .. .. .	88
Housing Study .. .. .	12,247
Miss A. A. Nevitt .. .. .	1,354
Wellcome Foundation .. .. .	575
Women in Industry .. .. .	241
	£120,335

**OBITUARY**

The School records with deep regret the deaths of:—

- EDWIN JAMES CLARK, a member of the staff from 1960 to 1963.  
 JOHN COATMAN, Professor of Imperial Economic Relations at the School from 1929 to 1934.  
 ALEXANDER MEYENDORFF, a member of the staff from 1920 to 1934 (Part-time Lecturer from 1920 to 1931 and Reader from 1931 to 1934).  
 HAROLD ERNEST RAYNES, Governor of the School from 1937 to 1963.  
 MARJORIE SPRINGFIELD, a member of the staff from 1952 to 1957.  
 KAZI HOSNE ARA ALAM, a Student of the School from 1962 to April 1964.  
 PETER CLARK BEBBINGTON, a student of the School from 1958 to 1961.  
 WILLIAM FREDERICK BOLT, a student of the School from October 1963 to March 1964.  
 WILLIAM HENRY GOODCHILD, an occasional student of the School from 1933 to 1934.  
 LOUIS HOLLAND, a student of the School from 1960 to 1963.  
 REGINALD JONATHAN HOY, a student of the School from 1932 to November 1936 and from 1937 to 1938.  
 JOHN FITZGERALD KENNEDY, a student of the School in October 1935.  
 CONRAD BERNARD LETHERLAND, a student of the School from 1935 to 1938.  
 GEOFFREY JACOBS MAY, a student of the School from 1928 to 1930.  
 MARY MARGARET MILLER, a student of the School from 1931 to 1933.  
 ALFRED WILLIAM PINNICK, a student of the School from 1922 to 1924 and 1931 to 1934.  
 JOHN CAXTON REA PRICE, a student of the School from 1920 to 1924.  
 GRAHAM JOHN SADLER, a student of the School from 1958 to 1961.  
 NINA ERSKINE ST. JOHN, a student of the School from 1962 to December 1963.  
 JOHN REGINALD HUGH SHAUL, a student of the School from 1919 to 1922 and from 1928 to 1933.  
 MARK WILLIAM WHITMORE, a student of the School from October 1962 to June 1963.  
 GEORGE PERCIVAL WRIGHT, a student of the School from 1933 to 1936.

## Academic Awards

### SCHOLARSHIPS, STUDENTSHIPS AND PRIZES AWARDED IN 1963

#### (a) Awarded by the School

##### Entrance Scholarships

###### Leverhulme Scholarships

KEVIN JAMES CLINTON (East Ham Grammar School).  
MICHAEL DOUGLAS HARVEY (Steyning Grammar School).  
COLIN JOHN HOLMES (Gillingham Grammar School).

##### Scholarship for Mathematicians in Statistics and Computational Methods

KENNETH WILFRED HEWISON (Cheshunt Grammar School).  
PETER LINES (Sir William Borlase's School).  
ANDREW ROBERT MOSS (St. Paul's School).  
PAUL NEWBOLD (Humphrey Perkins Grammar School).  
MARGARET HELEN SKINNER (Selhurst Grammar School).  
MICHAEL NEIL WILLIAMS (Sutton High School).

##### Leverhulme Adult Scholarship

GERARD FRANCIS McCORMACK.

##### Undergraduate Awards

###### Lilian Knowles Memorial Scholarship

CHARLES ROGER WILLIAMS.

###### Harold J. Laski Scholarship

APRIL FIORE CARTER.

###### Rosebery Scholarship

Not Awarded.

##### Undergraduate Scholarships

ROBERT NANDOR BERKI.  
FELICITY JANE MURFITT.  
JOHN ALBERT ORAM.

##### Graduate Awards

###### Noel Buxton Studentship in International Relations

ROBERT EDWARD HUNTER.

###### Hutchins Studentship for Women

AYLA DENIZ YARDAS.

##### Graduate Studentships

NEVILLE HERBERT WAITES.  
JOHN VANDERKAMP.

##### Graduate Awards—continued

###### Greek Shipowners Studentship

JOHN LEVENDAKIS.

###### Leverhulme Graduate Entrance Studentships for Overseas Students

SHMUEL GALAI.

###### Leverhulme Research Studentships

STANLEY IAN KATZ.  
ROBERT SZERESZEWSKI.

###### Leverhulme Research Studentships for Overseas Students

LEONARD HERSCHEL LEIGH.

###### Leverhulme Studentships for Special Courses

PETER MAXWELL STOREY.

###### Montague Burton Studentship in International Relations

SOLOMON MATHIAS DAVID RUDNICK.  
BERNARD LEE WEINSTEIN.

###### Rees Jeffreys Studentship in Transport

ROSS MUNRO.

###### Studentship in the Economics of Latin America

Not Awarded.

###### Studentships for Research on Social, Economics and Political Problems in Africa, South Asia, East and South East Asia

KEVIN BARRY BUCKNALL.  
COLIN BRUCE TIPTON.

###### Studentships in Russian Studies

MICHAEL JOHN ELLMAN.  
GORDON NEIL HARDING.  
DAVID SYDNEY MABE WILLIAMS.

###### Shell Research Studentship in Geography

JEAN PAUL BRAIBANT.

###### Scholarship in International Law

HENRY CARTER CARNEGIE.

###### S. H. Bailey Scholarship in International Law

AYLA DENIZ YARDAS.

##### Medals and Prizes

###### Harriet Bartlett Prize

Not Awarded.

###### Janet Beveridge Award

LUCY ANN CRAVEN.

Medals and Prizes—*continued***Bowley Prize**

CONSTANTINE DRAKATOS.

**Director's Essay Prize**

Not Awarded.

**Farr Medal and Prize**

JOHN KEITH ORD.

**Gonner Prize**

ALAN PETER BUDD.

**Hobhouse Memorial Prize**

Not Awarded.

**Hughes Parry Prize**

DEREK ALBERT OWEN.

**Mostyn Lloyd Memorial Prize**

ROBERT ADRIAN SINFIELD.

**Jessy Mair Cup for Music**

CELIA MARY PHILLIPS.

**George and Hilda Ormsby Prize**

COLIN RAYMOND PATMAN.

**Premchand Prize**

Not Awarded.

**Raynes Undergraduate Prize**

ANTHONY GEORGE HOPWOOD.

**Rosebery Prize**

WILLIAM ALBERT HAMPTON.

**School Prizes**HOWARD FREDERICK ANDREWS.  
ANTHONY GEORGE SUTHERLAND BUCK.  
APRIL FIORE CARTER.  
STANLEY FISCHER.  
DAVID PATRICK FRISBY.  
CAROLE MARGARET IVINSON.**Allyn Young Prize**

ANDREW ROBERT MOSS.

**(b) Awarded by the University****French Exchange Studentship**

BRIAN PETER DARLING.

Medals and Prizes—*continued***Loch Exhibition**PETER MAXWELL STOREY.  
KAILASH CHANDRA TEWARI.**Metcalf Scholarship for Women**

JULIA JENNIFER HEBDEN.

**Metcalf Studentship for Women**

Not Awarded.

**Eileen Power Studentship**

TAKESHI KIDO.

**Research Fellowship in History**

RENÉ GERSON.

**Scholarship in Laws**

GEOFFREY DE NYST CLARK.

**Sir Edward Stern Scholarship**LAURENCE HARRIS.  
NICHOLAS HELLINGS.**University Postgraduate Studentships**PETER EARLE.  
ANTHONY JAMES FIELDING.  
TREVOR PRINCE JONES.  
ROBERT MAIR.  
MICHAEL JOHN NIBLOCK.  
ERIC SYDNEY TARTAKOVER.**Graham Wallas Memorial Scholarship**

BERYL OLIVE LLOYD.

**(c) Awarded by Outside Bodies****Cecil Peace Prize**

YASHPOL TANDON.

**Free Press Prize in Sociology**

SUSAN MILLOTT.

**Gladstone Memorial Prize**

ROBERT NANDOR BERKI.

**Athletic Awards****Steel-Maitland Cup**

ALAN EDWARD GORDON MORTON.

**Steel-Maitland Cup for Women**

DIANA WARD HURST.

**Wilson Potter Cup for Athletics**

DAVID JOHN KNOWLES.

**Athletic Awards—continued**

**Ernest Cornwall Cup**  
TABLE TENNIS CLUB.

**Club Awards**

**Badminton: Men's Singles**  
ATUL RAMESHCHANDRA DESAI.

**Badminton: Men's Doubles**  
ATUL RAMESHCHANDRA DESAI.  
SUDHEER PRABHAKAR DESAI.

**Badminton: Women's Singles**  
JANE MAIR.

**S. H. Beaver Cricket Captain's Cup**  
STEWART ROBERT COWIE.

**Cross-Country Club Cup**  
CARL RAYMOND STOTT.

**Golf: Captain's Cup**  
NOT AWARDED.

**Golf: President's Putter**  
NOT AWARDED.

**Golf: President's Brassie**  
NOT AWARDED.

**Lawn Tennis: Men's Singles**  
ANDREW MACRAE RONALDSON.

**Lawn Tennis: Women's Singles**  
NOT AWARDED.

**Squash: Men's Singles**  
CHIRAYU NA-AYUDHYA ISARANGKUN.

**Open Day Awards**  
**100 Yards Challenge Race (Men)**  
JOHN WEIR.

**440 Yards Challenge Race (Men)**  
MICHAEL JOHN ASHCROFT.

**Invitation One Mile Race (Men)**  
DAVID BAGSHAW.

**Gutteridge Tug-of-War Cup**  
STAFF TEAM.

**DEGREES****B.Sc.(Economics) Final Examination****HONOURS****FIRST CLASS**

1963

IAN STEWART WILLIAM BLANCHARD.  
ALAN PETER BUDD.  
WILLIAM ALBERT HAMPTON.  
MARTIN KNOTT.  
ROBERT JOHN LOOKER.  
ROBERT MAIR.  
HOWARD FREDERICK MALTBY.  
JOHN FIELD NICHOLSON.  
JOHN KEITH ORD.  
PATRICK MICHAEL O'SULLIVAN.  
COLIN RAYMOND PATMAN.  
MALCOLM PATRICK ROBERTSON.  
VICTOR PANTELIS ZACHARIOU.

**SECOND CLASS***(Upper Division)*

MICHAEL ATTALIDES.  
COLIN BABER.  
JOHN FREDERICK BAILES.  
WENDY BEECH.  
DHARINI BHOGILAL.  
ROSHAN PHIROZE BISNEY.  
NICHOLAS VICTOR BOULTWOOD.  
DAVID JOHN BROWNE.  
GERALD JAMES BRYANT.  
GRAHAM MICHAEL BUCKLEY.  
KELVIN BARRY BUCKNALL.  
PHILIP GERARD CALDERBANK.  
CHRISTOPHER WILLIAM JOHN COTTAM.  
JOHN FREDERICK CRUTCHLEY.  
RICHARD DELBRIDGE.  
JOHN DEWHURST.  
ROBERT ERIC ELLISDON.  
DAVID JOHN FITZPATRICK.  
DAVID LIONEL FLATMAN.  
DAVID ALEXANDER GEORGE.  
MICHAEL GEORGE GILLARD.  
IVOR BOSWELL GOOD.  
JOHN MICHAEL WILLIAM GOULD.  
PETER GOURLEY.  
RICHARD WILLIAM GRAY.  
BRIAN GRIFFITHS.  
GEORGE RODNEY HABBERSHAW.  
CHRISTOPHER JOHN HALE.  
JOHN LAMBERT HALSTEAD.  
STEPHEN MICHAEL ALAN HASELER.  
RICHARD JOHN HICKS.  
LOUIS HOLLAND.  
MICHAEL HUGH HOLLIS.  
DESMOND GILBERT HOPWOOD.  
GRENDA MARY HORNE.  
RANDOLPH NIGEL BARRINGTON HOWARD.

B.Sc.(Economics) Final Examination—*continued*

1963

MICHAEL HENRY HOYLE.  
 ANTHONY CHARLES HUGHES.  
 DESMOND BARRY HUGHES.  
 ALUN JONES.  
 RAYMOND ARTHUR JONES.  
 LEON GERALD KAYE.  
 STUART DAVID KERSHAW.  
 DAVID JOHN KNOWLES.  
 ROGER LEIGH.  
 SAMUEL LEVY.  
 PETER GORDON MACARTHY.  
 JOHN CHRISTIE MCINTOSH.  
 MICHAEL CHARLES PATRICK MCMONAGLE.  
 JOHN WILLIAM MARSH.  
 ANAND JAYANTILAL MEHTA.  
 STUART ANTHONY MENZIES.  
 HAROLD METTRICK.  
 ALAN ROBERT NICHOLAS.  
 RAYMOND JOHN O'BRIEN.  
 CHRISTOPHER TAGBO OBIORA ONYEKWELU.  
 DESMOND JOHN O'REILLY.  
 JAMES STANLEY PARR.  
 GORDON ROSS PAYTON.  
 JOHN PERRY.  
 KEITH ROBERT NEWLING RAWES.  
 ANTHONY EDWARD ROBINSON.  
 SHEILA ROSE SAUNDERS.  
 SAMUEL BARRY SCOTT.  
 MARCUS ALFRED SLOAN.  
 CLIVE HARROD SMEE.  
 BRIAN DAVID SMITH.  
 ANNE SHIRLEY LUCAS STONE.  
 STANLEY CHARLES THAIN.  
 JOHN RAYMOND TOALSTER.  
 RUTH LILLA TOYE.  
 CHRISTINE MARGARET ELIZABETH WHITEHEAD.

## SECOND CLASS

*(Lower Division)*

ISMAIL ALI HAJI ABDULSULTAN.  
 ANDERSON JOHN ACUTT.  
 MALCOLM ALEXANDER ALBUTT.  
 GIDEON ADEYEYE ARIYO.  
 SHIRLEY EDWINA ASTLEY.  
 JULIAN RICHARD PAUL ASTON.  
 JOHN GORDON ATKIN.  
 JOHN MARTIN BAGLEY.  
 AHMED SALIM BALAMESH.  
 CUTHBERT JOSEPH BARRY.  
 DAVID BEAZLEY.  
 DOROTHY EMMA BELLCHAMBER.  
 ANTHONY JOHN BIRD.  
 JOHN EDWIN BISHOP.  
 KENNETH COLIN BISHOP.  
 DAVID JOSEPH BOOKMAN.  
 ALOKA BOSE.  
 ROSEMARY ANNE JENNIFER BRATBY.

B.Sc.(Economics) Final Examination—*continued*

1963

WILLIAM DAVID BREWER.  
 DEREK ALBERT BROWN.  
 GERALD VINCENT BLAISE BUNYAN.  
 JOHN OLIVER CANAVAN.  
 ANTHONY PANAYOTIS CEPHALAS.  
 SIRILUCK CHOWNKUAKUL.  
 PAUL ARTHUR CIRCUS.  
 ROY ALAN COHAN.  
 BRIAN MALCOLM COHEN.  
 BERTRAM EUSTON COMMISSIONG.  
 JOHN LESLIE CORLESS.  
 STEWART ROBERT COWIE.  
 RONALD ERNEST CREED.  
 PAUL FRANCIS CURTIS.  
 SAMIR KUMAR DATTA.  
 ROBERT HUGH DENT.  
 MARK DICKSON.  
 STEWART DICKSON.  
 PETER JOHN DUFFY.  
 MICHAEL JOHN ELLIS.  
 DAVID JONATHAN PERETZ FELDMAN.  
 RICHARD ANTHONY FOSTER.  
 ALEXANDER GARDNER.  
 PRABHAKAR BHALCHANDRA GHATE.  
 JOSEPH-MARY INNOCENT LEONARD GHIGO.  
 DIPAK KUMAR GHOSH.  
 ALAN THOMAS GREGORY.  
 MICHAEL JOHN GRIFFITHS.  
 ARTHUR REGINALD GROGAN.  
 GEOFFREY HOWARD GULLETT.  
 STUART GULLIVER.  
 JACK TREVOR HABESHAW.  
 CYRIL SIDNEY HANSON-KAHN.  
 BRIAN HARDY.  
 ROLAND ALEC HARMAN.  
 JACK ALBERT HARMSWORTH.  
 KHURSHED HAROON.  
 DAVID JACKSON HARTFORD.  
 JOHN CLIFFORD HARTLEY.  
 ANTHONY JOSEPH HARTNETT.  
 HOWARD MICHAEL HASLAM.  
 NICHOLAS REIGNIER HAWKINS.  
 EVA ZOFIA HAWLENA.  
 MICHAEL HEATH.  
 ROGER MARK HEBLER.  
 RONALD BERNARD HEISLER.  
 JEFFREY DAVID HOBBS.  
 PETER SAMUEL HOWARD.  
 NIGEL FREDERICK HUBERT.  
 STANLEY HUTTON.  
 VIBERT AYSNLEY JACQUES.  
 EDMUND MICHAEL GARDENER JENKINS.  
 RAPHAEL SIMON JENKINS.  
 ALAN DEREK JENNINGS.  
 VICTOR PHILIPPE JUCKER.  
 RAVIN NAGORAO JUNANKAR.  
 SAROJ KALE.  
 RODNEY FRANCIS KINGSNORTH.



B.Sc.(Economics) Final Examination—*continued*

1963

HARRY TOBIAS KLAHR.  
 LESZEK KLIMEK.  
 ANN MAUREEN LAITHWAITE.  
 DAVID LANE.  
 CHARLES RUSSELL LINDSAY.  
 JOHN THEODORE LIPSCOMBE.  
 JOHN TAYLOR MACKIE.  
 ANTHONY THOMAS MALLIER.  
 CHARLES JOHN MARGERISON.  
 MICHAEL ALFRED MILLS.  
 PRADEEP NARAIN.  
 JAMES ANDREW NUGENT.  
 GHANSHYAM ASHABHAI PATEL.  
 FRANCIS BARRY PHILLIPS.  
 STEPHEN JOHN PILBEAM.  
 NIGEL JAMES PITT.  
 ALAN STEPHEN HARWOOD PUGH.  
 RAYMOND ALAN RATES.  
 JOHN ALBERT REED.  
 FRANCES MORTIMER ROBERSON.  
 GARY RUDD.  
 JAMES SAINSBURY.  
 PETER BRINLEY SALATHIEL.  
 PHILIP JOSEPH SEDLER.  
 ALLAN HOWARD SEGAL.  
 ASHOK KANTILAL SHAH.  
 JOYCE LUCY SKEGG.  
 JOHN PETER SLATER.  
 JAMES PATRICK SMITH.  
 GEORGE FREDERICK SMITH.  
 GEORGE MALCOLM SPENCER.  
 STEVEN HUGH WALTHALL SPURRIER.  
 DEANNA MARIA STANWELL.  
 DAVID NICHOLAS MARTIN STARKIE.  
 ROBERT GLYNNNE STEPHENSON.  
 JULIAN STOELKER.  
 BRENDAN KEVIN PATRICK SWEETMAN.  
 NORMAN ALFRED THACKER.  
 ROY MAURICE TRINDER.  
 ROBERT TUBMAN.  
 RANJIT CORNEILLE WANIGATUNGA.  
 JOHN PHILIP BAGNALL WATSON.  
 CHRISTOPHER JOHN WEST.  
 PETER WESTNIDGE.  
 MICHAEL JAMES WHEELER.  
 RONALD WHELAN.  
 PETER WHITE.  
 MICHAEL RODEN WICKENS.  
 ROGER HAROLD WITHERINGTON.  
 LLOYD HARLEY WOODCOCK.  
 LINDA WYETH.  
 MICHAEL MCLEOD YOUNG.

PASS

NORMAN EDWARD ARMSTRONG.  
 PHILIP AUSTIN-CROWE.

B.Sc.(Economics) Final Examination—*continued*

1963

STEPHEN BROOKE.  
 DAVID ANTHONY BURKITT.  
 ANTHONY BUTWICK.  
 LINDA JANE CAFFREY.  
 DAVID JOHN COCKER.  
 JOHN MICHAEL COCKRAM.  
 BRIAN COOPER.  
 SAMUEL APPAH DONKOR.  
 CHRISTINE VERONICA DOWNTON.  
 JOHN ELLIS.  
 MATTHEW EVANS.  
 BRIAN STENSON FISHER.  
 MANUEL FOMBONA.  
 KEITH IGNATIUS GILFILLIAN.  
 PETER GILLIBRAND.  
 JOHN GILMORE.  
 BELLE HARRIS.  
 WILHELM HENRIQUES.  
 BARBARA HIBBARD.  
 RAYMOND JOHN HOLDEN.  
 MICHAEL CHARLES HOLLAND.  
 MICHAEL JOHN HORSLEY.  
 SYED KASIM HUSAIN.  
 YIANNAKIS GEORGE IOANNIDES.  
 DAVID GEORGE JACKMAN.  
 VIJAY RANJIT KHOSLA.  
 FRANK LAMBERT.  
 EDWARD PATRICK MCDONNELL.  
 AHMED NAEEM MALIK.  
 GEORGE ALFRED NKUMAH-MINKAH.  
 FRANCIS NWOKOBIA.  
 JITENDRA PATEL.  
 SALIM SAID RASHID.  
 PETER RICHMOND.  
 DAVID PETER ROYLE.  
 COLIN RUMMINGS.  
 ALAN SHEIN.  
 PHILIP GRANT TASCH.  
 JOHN ANTHONY TAYLOR.  
 ANTHONY BRIAN TREACHER.  
 OKAN TUTNAR.  
 PETER MICHAEL WHITWORTH.  
 PENG LUN WONG.  
 JOHN EDWARD WOOD.  
 YU YUI CHIU.

## B.Sc.(Sociology) Examination

HONOURS

SECOND CLASS  
 (*Upper Division*)

1963

MICHAEL CECIL BURRAGE.  
 PHILIP HAVARD JAMES.  
 ANNE MACKRELL.  
 MARY JOANNA MELLOR.

**B.Sc.(Sociology) Examination—continued**

1963

ANN MERRIMAN.  
SADIE NICHOLSON.  
MAXWELL KWADWO OWUSU.  
THOMAS HARRY WENGRAF.  
COLIN JOHN ANTHONY WILLIAMS.

SECOND CLASS  
(Lower Division)

BRIAN ERIC BAUGHAN.  
ANNE WENDY LAMBERTH.  
HAWAN BIBI ADAM MOOLLAN.  
ALAN EDWARD GORDON MORTON.  
DANIEL GERARD ROBINS.  
PETER ROBINSON.  
ANN SHOENBERG.  
DOUGLAS JAMES SMITH.

THIRD CLASS  
JOHN RAYMOND CONNOLLY.  
EDUARDUS MARIA CANISIUS JETTEN.  
GEOFFREY MAIER.  
RUTH MINETT.

**B.A. Honours in Sociology**

SECOND CLASS  
(Upper Division)

1963

JANET MARY ASKHAM.  
URSULA MARION BURTON.  
MICHAEL ERNEST DAVID CHAMBERS.  
ANNE CHRISTINE FIELDING.  
MARIAN JULIET HAWES.  
RODNEY MARTIN ALLEN MELLOR.  
SUSAN MILLOTT.  
CAROLINE MARY WEBB.

SECOND CLASS  
(Lower Division)

BARBARA ANN BAXTER.  
JEAN ALISON DAVIES.  
SYLVIA JOYCE FORD.  
JUDITH ANN LOWE.

THIRD CLASS  
EVA LOFT DEREGOWSKA.  
JUNE ROSE NEWFIELD.

**B.A. Honours in Anthropology**

SECOND CLASS  
(Upper Division)

1963

ANNE CLARK SHARMAN.

**B.A. Honours in Anthropology—continued**

SECOND CLASS  
(Lower Division)

1963

JEREMY HUGH KEMP.  
JEANNETTE ANNE WEITZ.

**B.A. Honours in Geography**

SECOND CLASS  
(Upper Division)

1963

IAN HAMER CROWTHER.  
MICHAEL CHARLES FOX.  
JOHN ANTHONY GOODALL.  
DAVID MALCOLM GROOME.  
RICHARD MICHAEL HICKMAN.  
PHILIP HAZLEWOOD NICHOLLS.

SECOND CLASS  
(Lower Division)

MAUREEN CHRISTINE CARD.  
LORNA DIXON.  
ALLEN JOSEPH ERNEST EYLES.  
PRUDENCE WAGSTAFF.

**B.A. Honours in History  
Branch II**

## FIRST CLASS HONOURS

1963

DAVID GORDON KIRBY.  
DEREK MCKAY.  
DUNCAN JOHN MACLEOD.

SECOND CLASS HONOURS  
(Upper Division)

GRAHAM ALLNATT.  
THOMAS TAYLOR MACKIE.

SECOND CLASS HONOURS  
(Lower Division)

DAVID FRANCIS CONDUCT.  
WINIFRED PEARL FRANSEN.  
DOUGLAS NEIL GOLDTHORPE.

THIRD CLASS HONOURS  
JEAN MICHEL WILDMAN.

**B.A. Honours in Philosophy and Economics**

SECOND CLASS  
(Upper Division)

1963

MICHAEL JOHN LLOYD.

B.A. Honours in Philosophy and Economics—*continued*SECOND CLASS  
(Lower Division)

1963 CLIVE MARK STOCKDALE.

THIRD CLASS  
MICHAEL RICHARD WESTLAKE.

## LL.B. Final Examination

## HONOURS

## FIRST CLASS

1963 GEOFFREY DE NYST CLARK.

SECOND CLASS  
(Upper Division)SAROJINI MARIE ANGELA ARIYANAYAGAM.  
JILL HELEN COTTRELL.  
BERNARD VICTOR DAY.  
REGINALD STANLEY NOCK.  
ABAYOMI OLUSOLA SOGBESAN.SECOND CLASS  
(Lower Division)JOSEPH KAYODE AJAYI.  
CHEIN AUNG.  
ANTHONY IVAL AUSTR.  
MARGARET CHAN.  
DAVID ELLIS CHARITY.  
AFAMDI BELUENU CHIDOLUE.  
VERA CHRISTINE COWELL.  
IAN LOVE DUNN.  
ADOLPH CHAMBERLAIN EDWARDS.  
CYRIL GLASSER.  
THOMAS JAMES COOPER GOUDIE.  
JOSEPH CUTHBERT GRAY.  
ROGER MICHAEL GREENHALGH.  
ERIC GRIFFITHS.  
ANTHONY FRANCIS HEALEY.  
PEARL VIVIEN HENNESSY.  
JOHN LESLIE OGILVIE HOLDEN.  
JONATHAN HILARY JESSUP.  
ALFRED DAVID KNAGG.  
ROBERT ERIC MITCHELL.  
KWAME TUA OPOKU.  
PERCIVAL NOEL JAMES PATTERSON.  
NEVILLE LESLIE SARONY.  
DAVID ANTHONY CATHCART SIMMONS.  
WILLIAM DAVID THOMAS.LL.B. Final Examination—*continued*1963 SHEILA TOBIN.  
EGERTON EGHERUN UVIEGHARA.

## PASS

TALIB ADEDOYIN ADEGBENGA AWOSANYA.  
LEONARD MAXWELL BIRD.  
ROBERT ANTHONY JOY.  
LO WAN.  
ELIAS ANTHONY MANTHOS.  
ELIZABETH AMANDA MEAD.  
RICHARD GAVIN MERRYLEES.  
CYRUS NWIDONANE NUNIEH.  
BUSOLA ATINUKE OGUNLESI.  
DAVID BERNARD ROSMARIN.  
ROBERT ZEV SWIFT.  
FREDERICK CHARLES THOMPSON.  
WINSTON TUBMAN.  
PETER HUGH VAUGHAN.

## Higher Degrees

## M.Sc.(Econ.)

1962-63 ABDEL RAHMAN ABU BAKR.  
MICHAEL ADEPOJU ADEYEMO.  
NIRMALA RAGHUNATH BANERJEE.  
DORIS RENWICK BASKERVILLE.  
GEORGE BAZIGOS.  
KATHLEEN RUTH BERTON.  
SHEILA MARGARET EVELYN BHALLA.  
ROBERT ARTHUR BOSE.  
IVOR MICHAEL BROWN.  
DAVISON LAWRENCE BUDHOO.  
RASIN BURAK.  
GEORGE CHALKIDIS.  
MERCEDES MARIE CHARTIER.  
GILBERT PRINCE OBIAJULU CHIKELU.  
DANG-DUC-TU.  
ROBERT WILLIAM DANIELS.  
RIGAS SOTIRIS DOGANIS.  
MOHAMED ALI ELLEISI.  
GUY FELIZ ERB.  
VEERARAYAN ETTAN RAJA.  
SAMUEL FARBER.  
CLAUDE EDMOND FORGET.  
DEREK VICTOR FRIEND.  
PERCY THOMAS FRANK GOLDING.  
DENIS RICHARD GRAY.  
JOHN ANDREW GRAY.  
HOWARD GRIFFITHS.  
NORMAN GEORGE HARDWICK.  
SIMON RAOUL HARTOG.  
GEORGE LYNDON HICKS.  
STEPHEN CARL HUNTER.  
MADUGBA INNOCENT IRO.  
HUGH JOHN McNAB JONES.  
KEITH DAVID SHEARER JONES.  
JOHN KAVASILAS.

## Higher Degrees—continued

## M.Sc.(Econ.)—continued

1962-3

NEIL PATRICK KEATINGE.  
 MARY ANNE KEITH.  
 BETIN KUNTOL.  
 RHODRI WYN LEWIS.  
 GREGORY DUNCAN MCCOLL.  
 DENNIS WILLIAM MCKENZIE.  
 MAUNG NYUNT MAUNG.  
 THAN NYUN.  
 THEOCHARIS PAPAMARGARIS.  
 ASHOK KANCHANLAL PARIKH.  
 OLIVER PETER ST. JOHN.  
 HARALD MICHAEL SANDSTROM.  
 KAMAL JIT SINGH.  
 BARRY ALEXANDER STEUART.  
 MICHAEL FRANCIS TANNER.  
 EDWARD TWUMASI.  
 NICOLE VAILLANCOURT.  
 JAMES CLOUD WALLACE.  
 RANDOLF LAMBERT WILLIAMS.  
 WILLIAM IDRIS WILLIAMS.  
 VIRGINIA CALHOUN YOUNG.  
 ANTONIOS ZITRIDIS.

## M.A.

1962-63

ABDUL KAHAR BIN BADOR.  
 ANIMA BHATTACHARYYA.  
 GEORGE CLEMENT BOND.  
 WILLIAM CHARLES DOWLING.  
 WILLIAM HENRY HUGHES.  
 HELGA EILEEN JACOBSON.  
 JULIAN NAGEL.  
 MOKHZANI BIN ABDUL RAHIM.  
 SOMASUNDARAM SELVANAYAGAM.  
 WILLIAM DEAN WILDER.

## LL.M.

1962-63

ANN CHRISTINE BAILEY.  
 CHRISTOPHER DAVID BEEBY.  
 ROBERT BERTRAND.  
 ROLAND KUN CHEE CHOW.  
 CHARLES RICHARD BENTLEY DUNLOP.  
 JAMES HERBERT ELVIN.  
 DENNIS IKWUEME OGUNNWA EWELUKWA.  
 JOHN CHARLES FREEMAN.  
 JACOB OGBUNNAYA IBIK.  
 EMMANUEL KWASI MENSAH.  
 GODWIN AFULUEKEANYA CHRISTOPHER OFOR.  
 BRIAN GRAHAM ROBINSON.  
 MARVIN SOLOMON.  
 WALTER SURMA TARNOPOLSKY.  
 JAMES KEVIN WALSH.  
 ZE'EV ZAMIR.

## Higher Degrees—continued

## Ph.D.

1962-63

RICHARD ADEBAYO AKINOLA.  
 MUHAMMAD HASSAN FAWZI AL-ATRASH.  
 GURDARSHAN SINGH BHALLA.  
 SANTOSHKUMAR BHATTACHARYYA.  
 JEREMY FERGUS BOISSEVAIN.  
 JOHN ARTHUR BRAND.  
 CORALIE JOANNE BRYANT.  
 PETER ARTHUR THOMAS CAMPBELL.  
 DEBIPRASAD CHATTOPADHYAY.  
 ANTHONY RICHARD CHAMPION DE CRESPIGNY.  
 TZE NANG CHIU.  
 GAUIS OKEKE EZEJIOFOR.  
 WALTER FOBES.  
 HEWFONSEKAGE NEIL CLEMENT FONSEKA.  
 LEONARD GITTINS.  
 MICHAEL DE WITT GODFREY.  
 GEORGE EHURON GRAHAM.  
 FREDERICK EDWIN IAN HAMILTON.  
 NIGEL HARRIS.  
 THOMAS THEODORE STEIGER HAYLEY.  
 JOHN DAVID HOFFMAN.  
 PRAMATHANATH HUR.  
 BRUCE EVERETT HURT.  
 ANN GORDON IMLAH.  
 ARTURO ISRAEL.  
 CHRISTOS ALBERTOS JECCHINIS.  
 ALBERT GEORGE KENWOOD.  
 SHELTON UPATISSA KODIKARA.  
 HELMUT MAX KOLSEN.  
 RICHARD FAYETTE LARSEN.  
 NORMAN LEE.  
 JAMES CHRIS. LEONTIADES.  
 ARTHUR MARSDEN.  
 MANFRED MICHEL.  
 GEOFFREY LEONARD MILLERSON.  
 HAROLD STEPHEN MORRIS.  
 RUSIATE RAIBOSA NAYACAKALOU.  
 JUKKA TANELI NEVAKIVI.  
 JOHN PETER NIEUWENHUYSEN.  
 LUIS NIEVES-FALCON.  
 HERBERT MAURICE ADEBOLA ONITIRI.  
 SUTTI REISSIG DE ORTIZ.  
 VINDHYESHWARI PRASAD PANDE.  
 PRABHAKAR PARASHURAM PANDIT.  
 NADARAJA RAMACHANDRAN.  
 WALTER ROY.  
 SAW SWEE HOCK.  
 ALEXANDER SHAKOW.  
 SO CHAK LAM.  
 SYLVIA COSSETTE SUSSMAN.  
 LEROY OSWALD TAYLOR.  
 LIONEL SAMUEL TIGER.  
 MYINT TIN.  
 TERENCE CHARLES WILLETT.

## DIPLOMAS

(Awarded by the University of London)

## Academic Postgraduate Diploma in Law

1962-63

GIL ARTURO GONZALEZ,  
HLA THAUNG.

## Academic Postgraduate Diploma in Public Administration

PASS

1963

IGNACIO PICHARDO,  
GEORGE TRAGAKIS.

## Academic Postgraduate Diploma in Social Studies in Tropical Territories

PASS

1963

JAMES LEWTON BRAIN.

## DIPLOMAS

(Awarded by the School)

## Diploma in Economic and Social Administration

DISTINCTION

1963

PADMAKAR RAMACHANDRA DUBHASHI,  
GILES ROBERT JAMES ENDICOTT.

PASS

RONALD OLIVER PAUL ARMOUR,  
VENGIDASAMY BAVANANDAM,  
JAS RAJ CHHABRA,  
PETER KALASIN DISSANAYAKE,  
NORWELL ELTON ALLENBY HARRIGAN,  
PEDRO LANDA,  
MAN YONG LEE,  
WALES JUSTICE MBEKEANI,  
NESTOR ODU OJIAKO,  
JAMES LAWRENCE REASON,  
ABDALLA MOHAMED AHMED SHALABI,  
SURYA PRASAD SHRESTHA.

## Diploma in Operational Research

1962

RONALD MAURICE ADELSON,  
MICHAEL HAROLD JONES,  
BARBARA ASTRID GERSHILL,  
MICHAEL STANLEY MAKOWER.

1963

ROBERT CHAPMAN,  
PATRICK ANDREW MAWER,  
MAURICE FRANCIS SHUTLER,  
BRIAN SMALLEY,  
MICHAEL RICHARD WANNER-HALDER,  
ERIC WILLIAMSON.

## Diploma in Social Administration for Graduates

DISTINCTION

1963

ROBERT ADRIAN SINFIELD.

## Diploma in Social Administration for Graduates—continued

PASS

1963

JANE MARIAN BARLOW,  
ANNE JOYCE BARTHOLOMEW,  
JANET FAY BEECH,  
ELIZABETH ROSEMARY BIRD,  
SUSAN BULST,  
ANGELA MARY CHAPMAN,  
IRFON CLARKE,  
MARGARET ANNE CLARKE,  
SOPHIA ELIZABETH COMYNS-CARR,  
ELSPETH RUTH DARLING,  
ELIZABETH DARLINGTON,  
WENDY DENISE MACKINTOSH DOUGALL,  
CHRISTOPHER JAMES FASSNIDGE,  
DIANA DILL FURLEY,  
LAURENCE ALAN GILLAM,  
AELFTHRYTH GEORGINA GITTINGS,  
DAPHNE MAEVE GOODING,  
JOSEPH ROGER GREENWOOD,  
ELIZABETH JOCELYN GREGORY,  
ELIZABETH ANNE HERDMAN,  
GILLIAN ELISABETH HOPKINS,  
RONALD DOUGLAS HOWE,  
MARY PATRICIA JENKINSON,  
ALAN FRANCIS JONES,  
ALISON MARY KENNING,  
HAZEL LANGLEY,  
ELEANOR WORDSWORTH LEEKE,  
ELIZABETH MARY LORD,  
BRIDGET FAITH PARR MCCARTHY,  
SYLVIA MATTHEWS,  
MICHAEL HUGH MEACHER,  
IRENE JILL MELLOWS,  
ANNE CAROL MERIGAN,  
DELLA MYRA MONTACUTE,  
GWYNFOR EDWARD MORGAN,  
PHYLLIS ELIZABETH MORRIS,  
SYLVIA MYRES,  
JOHN WARREN MYRING,  
WENDY NOBLE,  
MARY TATYANA OUNSTED,  
MARIANNE PAGE,  
ESTHER MARIAN PEDLER,  
ANNE HORATIA PIPER,  
ROBERT OWEN PURCELL,  
DIANA MARGARET RHODEN,  
SALLY BEATRICE SAINSBURY,  
ANGELA SEARS,  
FRANCES MARGARET SIMMONDS,  
ELSA SOBEL,  
JANET DYKES SPICER,  
VALERIE JOAN RACHEL STAGGE-MILLS,  
LUCY MOIRA SYSON,  
GILLIAN ETHEL MARION THOMSON,  
CHARMIAN MARGARET ANN WALSER,  
MARGARET ROSEMARY WILSON.

## Diploma in Social Administration for Non-Graduates

## DISTINCTION

1963

LUCY ANNE CRAVEN.

## PASS

DONALD ADLINGTON.  
 JUDY BERNSTEIN.  
 ERIC REGINALD BRADY.  
 SARAH BRODIE.  
 ROSALIND BROOKE.  
 RALPH HENRY CHAPMAN.  
 VALERIE COLLETT.  
 JOAN DIANA CRADDOCK.  
 HELEN ELIZABETH DYE.  
 CHRISTINE CONSTANCE ELLIS.  
 EUNICE M. JUKES.  
 DAVID GEORGE LAMBERT.  
 JEAN McNEIL.  
 JOY ELIZABETH MOORE.  
 LOVEDY ELIZABETH MOULE.  
 DENNIS MOUNTFORD.  
 VICTORIA NANNEY-WYNN.  
 JULIA RUTH PARROTT.  
 JOAN MARGARET PATTEN.  
 ROBERT JOHN PEARCE.  
 JUDITH JEAN MARY RUSSELL.  
 VALERIE SPENS.  
 AVIS MARGUERITE ROSALIE TORRANCE.  
 ADRIAN DAVID CAHILL VAUGHAN.  
 PAUL ROBERT PETER WARD.  
 RICHARD JOHN WILLIS.

## Diploma in Social Administration for Graduates

## Overseas Course

## PASS

1963

ANNE ELIZABETH HAYWARD.  
 NORMA ETHLYN JACKSON.  
 BEVERLEY CONSTANCE HINES JOHNSON.  
 PETER CEDRIC NORMAN.  
 THOMAS CECIL ROYDEN.  
 MICHAEL THOMAS DAVID SAVAGE.

## Diploma in Social Administration for Non-Graduates

## Overseas Course

## PASS

1963

MOHAMMED NAWAL ALAM.  
 SELINA OLAPEJO AMOSU.  
 KENNETH ARNOLD HENRY CASSELL.  
 PADUKKE VIDANALAGE LLOYD NANDHE DASSANAYAKE.  
 MICHAEL ALFRED FORDWOH.  
 ALIYU GIDADO.

## Diploma in Social Administration for Non-Graduates (Overseas Course)—continued

1963

VINCENT SAMUEL GILPIN.  
 ABO-ONEMHE OKPORUA IGHRAKPATA.  
 ADEYEMO EMMANUEL KESTER.  
 GEORGE PATRICK KODIKARA.  
 INGLIS ISAIAH LISK.  
 WALTERINE RHODA MATTHEWS.  
 DHIRAJLAL NAIK.  
 ADEJOKE OGUNNIYI.  
 ELIZABETH OYEKANMI.  
 NAGARAJAH RAJAMANI.  
 WANG-FOONG.

## Diploma in Personnel Management

## PASS

1963

SHEILA CHARLTON.  
 HAROLD DAVID COLEMAN.  
 OWEN WALTER DAVIES.  
 DIPANKAR GHOSH.  
 PETER JOHN BENTALL GRAINGER.  
 SARAH LE MESURIER GRETTON.  
 DEREK HALL.  
 ISABEL BARBARA HELLEWELL.  
 KENNETH CHARLES HYETT.  
 CHUKUNWEIKE PETER ILOMECHINA.  
 ANNA MARGARET MACGREGOR.  
 MARGARET MARY McDOUGALL.  
 MARY FRANCES McLEANNAN.  
 JAMES DAVID FREDERICK MILLER.  
 WAI WAI MYAING.  
 JOHN CEDRIC PHILLIPS.  
 ELIZABETH IRENE ANN ROBERTS.  
 S. ZIA-UR-RAHMAN SHAMI.  
 STEPHEN JAMES SHIPSIDE.  
 CLIFFORD MANTON SPARKS.  
 MARK WILLIAM WHITMORE.  
 CLIVE HARRY WOLFE.

## Diploma in Applied Social Studies

## PASS

1963

MAUREEN ANDREWS.  
 JOHN ROBIN ARNOLD.  
 JOAN ELIZABETH BISHOP.  
 ENA BROCKLEHURST.  
 PAMELA BROWN.  
 NAOMI COHEN.  
 TERENCE ROBERT ALFRED COOPER.  
 VIVIEN ROSEMARY DAVISON.  
 ISABEL COLVILLE FORGAN.  
 ELIZABETH ANN GIVEN.  
 MARGARET ELEANOR MARY HENKEL.  
 PAULINE DIANA HILL.  
 JOHN EDWARD HORNCastle.  
 DOROTHY JAMESON.  
 JAMES HENRY JEAL.  
 MALCOLM RAYMOND LACEY.

Diploma in Applied Social Studies—*continued*

1963

SARAH LOUISE LASENBY.  
 CHRISTINE MACKENZIE.  
 MARGARET AGNES MACLEAN.  
 ELIZABETH MROSOVSKY.  
 SUSAN PATRICIA MULLOCK.  
 CHRISTOPHER JOHN NOBLE.  
 SYBIL FAY PARRY.  
 MURIEL NANCY PEPPER.  
 ELIZABETH ANN MARIAN FROST PLUMMER.  
 SHEILA JUDITH POLLEN.  
 FRANCES MARTHA RIDDELL BLOUNT.  
 MARGARET ROBSON.  
 JUNE ANN SIMPSON.  
 DAPHNE FELICITY STATHAM.  
 PATRICIA ALLISON THOMAS.  
 CHRISTINE WINIFRED RACHEL VEAR.  
 SUSAN JANE WILLSHER.  
 (SHIRLEY) TING-YIN WONG.  
 SUSAN MARGARET WOODERSON.

## Diploma for Social Workers in Mental Health

## DISTINCTION

1963

MARGARET FRANCES RICHARDS.

## PASS

JOAN MAY ARCHER.  
 HAROLD EDWARD BAYLEY.  
 PAUL WILLIAM BESLEY.  
 SYLVIA MARY BOURNE.  
 PATRICIA NANCY BRAYBROOKS.  
 ALAN JOHN COHEN.  
 DOROTHY FLORENCE CROFTS.  
 JEANETTE HERMINA DETTMANN.  
 MARYBELLE DOBSON.  
 MARY JULIET ARKWRIGHT DONALDSON.  
 DOROTHY RITSON EAVIS.  
 ANNE RUSSELL ELTON.  
 MAUREEN ANN HALL.  
 JOAN MABEL HEARNE.  
 MARGRIT HERBENER.  
 ROBERT PETER HICKSON.  
 MARGARET SHIRLEY SINCLAIR JEPSEN.  
 ROSEMARY MURIEL WYNN JOB.  
 PAULINE JUNE JOSEPH.  
 JENNIFER ELIZABETH KITTERIDGE.  
 GLADYS MARY LAWLOR.  
 MARY PATRICIA LEE.  
 MARY LLEWELLYN.  
 MARJORIE LOUD.  
 LAURENZ ALPHEUS MANGHEZI.  
 PENELOPE MARGARET MOON.  
 BARBARA NELSON.  
 EDWIN VICTOR ORAM.  
 MARY ELIZABETH PATERSON.  
 DEREK CHARLES PEPPER.

Diploma for Social Workers in Mental Health—*continued*

1963

ISABEL MARY QUINN.  
 ANN RACE.  
 MORNA JANE GRANDISON SMITH.  
 ELAINE BRUCE THOMSON.

## CERTIFICATES

## Certificate in International Studies

## PASS

1963

GARY KENNETH BUSCH.  
 DOROTHY MAUREEN CLEGG.

PUBLICATIONS BY MEMBERS OF THE STAFF



**Publications**  
**BY MEMBERS OF THE STAFF FROM 1 OCTOBER 1962 TO**  
**30 SEPTEMBER 1963**

(This list includes a certain number of publications which appeared too late in 1961-62 to be included in the report for that year.)

**Accounting**

PROFESSOR W. T. BAXTER:

“ Inflation and Accounts ” (*The Investment Analyst*, November 1962).

MR. R. P. BROOKER:

“ Floating Charges outside of the Companies Act ” (*Secretaries Chronicle*, March 1963).

PROFESSOR H. C. EDEY:

*Introduction to Accounting* (Hutchinson University Library, Hutchinson, 1963).

(With B. S. Yamey and H. W. Thomson) *Accounting in England and Scotland: 1543-1800* (Sweet & Maxwell, 1963).

*Accounting Principles and Business Reality* (Institute of Chartered Accountants in England and Wales: an address presented at the Summer Course, Oxford, 1963).

MR. M. H. KENNEDY:

“ A Critique of Game Theory for Capital Budgeting ” (*National Association of Accountants Bulletin*, Section I, May 1963).

“ The Values of Accounting and of Corporations ” (*Journal of Accounting Research*, Spring 1963).

“ The Economics of Costing ” (*An Accountancy Notebook*, March and April 1963).

MR. T. W. McRAE:

*Introduction to Business Computer Programming* (Gee & Co., June 1963).

“ Auditing EDP Systems ” (*Accountancy*, April 1963).

“ The Economics of Computers ” (*The Cost Accountant*, October 1962).

“ Information Technology and the Accountant ” (*The Accountant*, June-July 1963).

“ The Demands of EDP on the Accountant of the Future ” (*The Accountants' Magazine*, September 1963).

**Anthropology**

MRS. LORRAINE BARIĆ (formerly LANCASTER):

“ Some Conceptual Problems in the Study of Family and Kin Ties in the British Isles ” (*British Journal of Sociology*, December 1961).

“ Crédit, épargne et investissement dans une économie ‘ non-monnaire ’ ” (*Archives Européennes de Sociologie*, III, 1962).

DR. B. BENEDICT:

“ Stratification in Plural Societies ” (*American Anthropologist*, Vol. 64, No. 6, December 1962).

“ Dependency and Development in the Seychelles ” (*Social Service Quarterly*, Vol. XXXVII, No. 1, June-August 1963).

PROFESSOR RAYMOND FIRTH:

*Sociale Antropologie: Een Inleiding* (Dutch edition of *Human Types*) (Aula-Boeken, 1962).  
*Elements of Social Organization* (3rd ed. paperback, Beacon Press, Inc., 1963).

- "Aims, Methods and Concepts in the Teaching of Social Anthropology" in D. G. Mandelbaum, G. W. Lasker & E. M. Albert (Eds.) *The Teaching of Anthropology* (University of California Press, Berkeley, 1963).
- "Bilateral Descent Groups: An Operational Viewpoint" in I. Schapera (Ed.), *Studies in Kinship and Marriage* (Royal Anthropological Institute, 1963).
- "Offering and Sacrifice: Problems of Organization" (*Journal of Royal Anthropological Institute of Great Britain and Ireland*, January-June 1963).
- Preface to H. S. Maine, *Ancient Law* (Beacon Press, Inc., 1963).

## DR. M. FREEDMAN:

- "A Chinese Phase in Social Anthropology" (*The British Journal of Sociology*, Vol. XIV, No. 1, March 1963).
- "Descent, Systems of" (*Encyclopaedia Britannica*, Vol. 7, pp. 288-291, 1963).

## PROFESSOR E. A. GELLNER:

- "Nature and Society in Social Anthropology" (*Philosophy of Science*, Vol. 30, No. 3, July 1963).

## MR. J. N. HARRÉ:

- "The Background to Race Relations in New Zealand" (*Race*, Vol. V, No. 1, July 1963).

## PROFESSOR L. P. MAIR:

- "Some Current Terms in Social Anthropology" (*The British Journal of Sociology*, March 1963).

## PROFESSOR I. SCHAPERA:

- "Should anthropologists be historians?" (*Journal of the Royal Anthropological Institute*, Vol. 92, part 2, December 1962).
- "Agnatic marriage in Tswana royal families" in I. Schapera (Ed.), *Studies in Kinship and Marriage* (Royal Anthropological Institute, Occasional Paper No. 16, June 1963).
- "The Native Inhabitants" (Chapter II) in *The Cambridge History of the British Empire*, Vol. VIII: *South Africa* (Second Edition, Cambridge University Press, 1963).

## DR. A. P. STIRLING:

- "Jaundice or Frivolity?" (*New Society*, 20 June 1963).

**Criminology**

## MR. R. G. HOOD:

- "Prison and Borstal After-Care" (*British Journal of Criminology*, Current Survey, April 1963).
- "Criminal Statistics in Israel" (*British Journal of Criminology*, Current Survey, July 1963).

## DR. A. N. LITTLE:

- "Penal Theory, Penal Reform and Borstal Practice: an example of prescience?" (*British Journal of Criminology*, Vol. 3, No. 3, January 1963).

## DR. T. P. MORRIS:

- "Prison or Hospital?" (*New Society*, 18 October 1962).
- "The Teenage Criminal" (*New Society*, 11 April 1963).

**Economics**

## MR. R. F. G. ALFORD:

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*The History of the Foundation of the London School of Economics and Political Science* (G. Bell & Sons, for the London School of Economics and Political Science, 1963).
- MR. F. P. CHAMBERS:  
 "The History of Art and the History of Taste" (*British Journal of Aesthetics*, June 1963).

#### OFFICIAL REPORTS SIGNED BY MEMBERS OF THE STAFF

- PROFESSOR R. G. D. ALLEN:  
 June 1963 University Grants Committee, Interim Report of the Committee on University Teaching Methods: *The Use of Vacations by Students*, H.M.S.O.  
 August 1963 Third Report of Air Transport Licensing Board for year ended 31 March 1963, H.C. 297.  
 September 1963 Report of the Committee of Enquiry on Decimal Currency, Cmnd. 2145.

- PROFESSOR SIR RONALD EDWARDS:  
 September 1962 The Electricity Council's Annual Report 1962/63.
- PROFESSOR SIR ARNOLD PLANT:  
 July 1963 Twenty-fifth Report of the Cinematograph Films Council, for the year ended 31 March 1963, presented to the President of the Board of Trade, H.C. 269.
- PROFESSOR R. M. TITMUSS:  
 Reports of the National Insurance Advisory Committee:
- 1962 National Insurance (Assessment of Graduated Contributions) Amendment Regulations.  
 National Insurance (Collection of Graduated Contributions) Amendment Regulations.
- 1963 National Insurance (Contributions) Amendment Regulations.  
 National Insurance (New Entrants Transitional) Amendment Regulations.

## Statistics of Students

### Analysis of Regular, Intercollegiate and Occasional Students, 1959-64

	Session 1959-60	Session 1960-61	Session 1961-62	Session 1962-63	Session 1963-64
REGULAR STUDENTS—					
First Degree	1497	1466	1417	1460	1478
First Diploma	73	80	80	91	79
Higher Degree	593	633	718	792	854
Higher Diploma and Certificate	189	223	241	248	247
Research Fee	142	152	169	163	189
Other Regular	105	121	153	122	150
TOTAL OF REGULAR STUDENTS	<b>2599</b>	<b>2675</b>	<b>2778</b>	<b>2876</b>	<b>2997</b>
OCCASIONAL STUDENTS	271	357	332	393	355
INTERCOLLEGIATE STUDENTS	1160	1076	751	1062	594
GRAND TOTAL	<b>4030</b>	<b>4108</b>	<b>3861</b>	<b>4331</b>	<b>3946</b>

### Analysis of Overseas Students, 1959-64

	Session 1959-60	Session 1960-61	Session 1961-62	Session 1962-63	Session 1963-64
REGULAR STUDENTS—					
First Degree	923	989	278	249	209
First Diploma	160	178	32	32	33
Higher Degree			423	426	453
Higher Diploma and Certificate			94	72	83
Research Fee			144	140	176
Other Regular			138	109	120
OCCASIONAL STUDENTS			152	203	145
TOTAL	<b>1083</b>	<b>1167</b>	<b>1261</b>	<b>1231</b>	<b>1219</b>

NOTE: For a definition of the terms 'Regular' and 'Occasional' Student see page 137.  
 An Intercollegiate Student is one who is registered at another School of the University but, by arrangement, pursues some part of his course at this School.



Comparison of Oversea students, in attendance at the London  
School of Economics during the Sessions

	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64
Balkan States ..	55 (49)	62 (55)	53 (49)	70 (58)	67 (57)	58 (52)
France ..	16 (9)	7 (3)	10 (4)	9 (5)	2 (—)	7 (5)
Germany ..	21 (10)	28 (12)	36 (11)	29 (15)	29 (17)	43 (32)
Holland ..	7 (3)	4 (3)	4 (2)	5 (3)	3 (2)	1 (1)
Italy ..	13 (10)	11 (9)	15 (8)	14 (11)	16 (11)	8 (8)
Poland ..	12 (11)	7 (7)	4 (3)	6 (5)	3 (3)	2 (2)
Russia ..	2 (1)	1 (1)	1 (1)	1 (—)	1 (1)	2 (2)
Scandinavia ..	8 (5)	15 (8)	18 (16)	15 (13)	14 (9)	17 (13)
Switzerland ..	12 (5)	13 (8)	16 (6)	8 (3)	9 (4)	6 (2)
Others ..	47 (38)	55 (41)	42 (36)	60 (47)	47 (32)	41 (37)
<i>Total Europe</i> ..	<i>193 (141)</i>	<i>203 (147)</i>	<i>199 (136)</i>	<i>217 (160)</i>	<i>191 (136)</i>	<i>185 (154)</i>
Burma ..	—	7 (6)	9 (9)	10 (10)	9 (9)	3 (3)
Ceylon ..	19 (17)	14 (14)	18 (17)	22 (20)	22 (19)	12 (12)
China ..	—	2 (2)	—	4 (4)	—	—
India ..	136 (130)	134 (126)	143 (139)	122 (117)	108 (102)	97 (94)
Pakistan ..	41 (36)	29 (29)	30 (28)	26 (25)	29 (29)	42 (42)
Israel ..	20 (16)	19 (13)	28 (24)	27 (24)	20 (17)	24 (18)
Japan ..	15 (10)	13 (9)	17 (12)	16 (13)	25 (16)	25 (19)
Others ..	85 (77)	91 (80)	92 (84)	116 (100)	119 (103)	102 (93)
<i>Total Asia</i> ..	<i>316 (286)</i>	<i>309 (279)</i>	<i>337 (313)</i>	<i>343 (313)</i>	<i>332 (295)</i>	<i>305 (281)</i>
Ghana ..	30 (27)	28 (26)	23 (20)	30 (30)	34 (34)	29 (28)
Nigeria (included in Others up to 1959-60) ..	—	—	87 (79)	94 (90)	90 (87)	80 (76)
Egypt ..	14 (10)	19 (16)	21 (20)	16 (16)	15 (15)	16 (13)
South Africa ..	24 (20)	26 (22)	28 (25)	34 (33)	34 (32)	34 (33)
Others ..	113 (109)	125 (123)	48 (46)	67 (65)	47 (45)	57 (55)
<i>Total Africa</i> ..	<i>181 (166)</i>	<i>198 (187)</i>	<i>207 (190)</i>	<i>241 (234)</i>	<i>220 (213)</i>	<i>216 (205)</i>
Canada ..	56 (52)	81 (73)	78 (69)	102 (89)	93 (84)	87 (84)
United States ..	181 (154)	193 (158)	209 (168)	220 (187)	266 (191)	291 (225)
Others ..	—	—	—	4 (4)	6 (5)	5 (4)
<i>Total North America</i>	<i>237 (206)</i>	<i>274 (231)</i>	<i>287 (237)</i>	<i>326 (280)</i>	<i>365 (280)</i>	<i>383 (313)</i>
<i>W. Indies</i> (included in Cent. Amer. up to 1958-59)	—	30 (30)	39 (38)	33 (31)	33 (33)	34 (34)
<i>Central America</i> (incl. W. Indies up to 1958-59)	42 (38)	7 (4)	11 (7)	10 (9)	11 (9)	4 (4)
<i>South America</i> ..	19 (16)	39 (23)	57 (41)	46 (37)	40 (24)	43 (36)
Australia ..	25 (22)	19 (19)	24 (21)	38 (37)	28 (27)	34 (32)
New Zealand ..	6 (5)	3 (2)	6 (6)	4 (4)	9 (9)	11 (11)
Fiji ..	1 (1)	1 (1)	—	3 (3)	2 (2)	2 (2)
Others ..	—	—	—	—	—	2 (2)
<i>Total Oceania</i> ..	<i>32 (28)</i>	<i>23 (22)</i>	<i>30 (27)</i>	<i>45 (44)</i>	<i>39 (38)</i>	<i>49 (47)</i>
<b>Total</b> ..	<b>1020 (881)</b>	<b>1083 (923)</b>	<b>1167 (989)</b>	<b>1261 (1108)</b>	<b>1231 (1028)</b>	<b>1219 (1074)</b>

The figures in brackets denote the number of Regular Students.

## PART II REGULATIONS AND FACILITIES

## ADMISSION OF STUDENTS

1. Students are classified in the following categories:—

- (a) Regular students—those paying a composition fee for a degree or diploma or for any other full course and students paying a research fee.
- (b) Occasional students—those paying a fee for one or more separate courses of lectures.

No distinction in these categories is made between day and evening students, but registration of evening students for degree or diploma courses is restricted to persons in regular employment during the day.

2. No student will be admitted to any course until he has paid the requisite fees.

### FIRST DEGREES

(1) Anyone who wishes to be considered for admission as a full-time student to a course leading to a first degree at the School must submit an application through the Universities Central Council on Admissions, 29 Tavistock Square, London, W.C.1.

(2) Application forms and a copy of the U.C.C.A. Handbook (price 2s. 6d.), which contains a list of universities and degree courses and instructions on completing the form, can be obtained from the Secretary of the U.C.C.A. at the address given above. Students who are at school in this country, will normally receive application forms from their head teachers; oversea students<sup>1</sup> may obtain them through the British Council, through their own government's Students' Department or Department of Education and Science, or direct from the U.C.C.A.

(3) Completed application forms must be returned to the U.C.C.A. and not to the School.

(4) The earliest date at which the U.C.C.A. are prepared to receive applications for admission in October 1965 is 1 September 1964. For students in this country the closing date for the receipt of applications at the U.C.C.A. is 15 December; for overseas students the closing date is 31 March but all students are advised to submit their applications as soon as possible after 1 September and not to leave them until the last minute.

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<sup>1</sup>Any student whose permanent home address is outside the United Kingdom will be classed as an oversea student.



(5) Applications for admission to the evening degree courses should be sent direct to the School on a form which may be obtained from the Registrar. Such applications should normally be submitted as early as possible but will be considered so long as places remain available on the course.

(6) Before anyone can be considered for admission to a degree course he must either have satisfied the general requirements of the University of London and any additional requirements for the course for which he is applying, or intend to do so before the date on which he wishes to be admitted. The entrance requirements for the degree courses conducted by the School are set out briefly on pages 139-40. Full details may be found in the pamphlet "Regulations Relating to University Entrance Requirements" which may be obtained from the Secretary to the University Entrance Requirements Department, University of London, Senate House, Malet Street, London, W.C.1. Intending students are advised to obtain a copy of the regulations and to check that their qualifications are appropriate for the courses they wish to follow.

(7) The fact that a student has satisfied these general requirements does not mean that he will automatically obtain a place at the School. Since its accommodation is limited the School can accept only a small proportion of those who apply. Candidates are usually expected to have reached a standard well above the pass mark in their qualifying examinations. The School reserves the right to call any student for personal interview and may also specify conditions over and above the requirements of the University regulations with which a student must comply before admission. Some candidates may also be asked to take an Entrance Examination.

(8) No person under the age of eighteen years will be admitted as a student without the Director's special permission. Any candidate who wishes to enter the School before his eighteenth birthday should state his reasons on his application.

(9) Candidates will be informed of the result of their applications. Successful candidates will be admitted as regular students of the School on payment of the requisite fees and on presentation of a Statement of Eligibility to enter the University of London. They will receive an admission card which must be produced at any time on demand.

(10) No student is allowed to register or study concurrently for more than one examination of the University of London or of the School unless he has previously obtained in writing the permission of the Director of the School. Students studying for an examination of the University or of the School who wish to study at the same time for an

examination held by an outside body are required to state this fact when applying for admission to the School. Students failing to disclose this fact are liable to have their registration cancelled.

### University Entrance Requirements

All candidates for admission to degree courses at this School must, by the date on which they hope to be admitted, be able to satisfy:

- (a) the general requirements for admission to degree courses which are laid down by the University of London;
- (b) the course requirements (if any) for the particular degree course they wish to follow.

Candidates may satisfy the general entrance requirements by:—

- (1) passing the General Certificate of Education examination, or an approved equivalent, in the required number of subjects, i.e. either (a) two at advanced level and three at ordinary level, or (b) three at advanced level and one at ordinary level;
- or (2) graduating in another university approved for this purpose by the University of London;
- or (3) obtaining by examination a full practising professional qualification (the candidate must also be at least 23 years old by the time he wishes to start his degree course);
- or (4) obtaining the Diploma in Technology;
- or (5) applying under the regulations for Advanced Students in virtue of a Teacher's Certificate, awarded since 1962, after a course of study lasting three academic years in a Training College in England and Wales, or a three year course of training in Northern Ireland since 1950.

There are no course requirements for the B.Sc.(Econ.), B.Sc. Sociology and LL.B. degrees. There are however certain course requirements which must be satisfied before students may register for the B.A. or B.Sc. (Special) degrees.

Course requirements for B.A. Honours degrees in Anthropology, Geography, History, Sociology or Philosophy and Economics demand passes at ordinary or advanced level in two approved foreign languages of which at least one must be a classical language such as Latin or Greek.

Course requirements for the B.Sc.(Special) degrees in Anthropology and Geography demand passes at advanced level in two science subjects chosen from Biology, Botany, Zoology, Chemistry, Geology, Physics, Geography, Pure Mathematics, Applied Mathematics, Mathematics (Pure and Applied). (N.B. Biology may not be included with Botany

or Zoology; Mathematics (Pure and Applied) may not be included with Pure Mathematics or Applied Mathematics.)

### Additional Information for Oversea Students

Many students overseas will find it convenient to submit their applications to the U.C.C.A. through an established agency, such as their government's Students' Department or High Commission, the Department of Technical Co-operation or the British Council and students are advised to seek the help and advice of these agencies before submitting an application. Students who wish to do so, however, may send direct to the U.C.C.A. any application for admission to a first degree course at this School. Students who are in any doubt or difficulty over this procedure may write direct to this School for advice.

Candidates from overseas are also asked to take particular note of the following points:—

(a) Those who do not hold the relevant British qualifications must have obtained, from an approved university, a degree of at least Second Class standard.

(b) Students whose mother-tongue is not English will be required to give evidence of proficiency in the language before their applications can be considered.

(c) Candidates from overseas, whether living abroad or in the United Kingdom at the time they make application, will be required, before they are accepted, to show that they have adequate financial resources to cover the cost of the three-year full-time course of study for a first degree. They will be asked to provide a guarantee that they have available at least £500 a year. They may also be asked to provide a medical certificate.

(d) Intending students from overseas are strongly advised not to set out for this country unless they have received a definite offer of a place in the School.

### GENERAL COURSE AND COMPOSITION FEE STUDENTS

Enrolment in these categories is suitable for students who wish to follow a full-time course of study at the School for one year only. The facilities are intended mainly for foreign students, and attendance does not count towards any degree awarded by London University.

#### General Course

(1) Applications for General Course registration will be considered from *undergraduates* who will have completed at least two years of

study in a foreign university by the time of their enrolment at the School. Applications from graduate students will be considered only in exceptional circumstances.

(2) General Course enrolment enables a student to attend lectures and receive tuition at the School for one session (one academic year).

(3) The number of students admitted each year is strictly limited. Only students who propose to spend one whole session at the School will ordinarily be considered.

(4) (a) At the beginning of the year a reception programme is arranged which includes an introductory talk to General Course students by the Adviser to General Course students, who has general responsibility for all students in this category. Every student will be seen early in the session by the Adviser.

(b) Every student is allocated to a tutor who will advise him in his selection of courses and act throughout the session as supervisor of his work.

(c) The student may attend most lecture courses, and may join up to two classes a week.

(d) The student has full use of the library without payment of any additional fee.

(e) The student may apply to write two examination papers at the end of the year.

(5) (a) At the end of the course each student will be given, on request a certificate of registration. This certificate lists the lectures and classes for which the student was registered, but does not include a detailed record of attendance. The results of any examinations are added to the certificate.

(b) The student may apply to write not more than two examination papers in subjects of his own choosing.

(c) A confidential tutor's report will also be made available, on request, to the student's home university.

The School does not grade students or award credits on the American model. Before committing themselves to attendance here, students should therefore ensure that the facilities outlined above will satisfy the requirements of their home university.

(6) Application forms for General Course registration may be obtained from the Registrar of the School. Completed applications must reach the School not later than 1 May before the opening of the session for which admission is sought.

**Composition Fee**

(1) Applications for Composition Fee registration are normally considered only from *graduates*.

(2) Composition Fee registration enables a student to attend lectures without supervision for one academic year.

(3) Only students who propose to spend a full year at the School will ordinarily be considered.

(4) (a) At the beginning of the session Composition Fee students may attend the introductory talk given by the Adviser to General Course students.

(b) Every student is given an initial interview with a member of the academic staff who will assist him to draw up a programme of study. No further supervision is provided.

(c) A Composition Fee student may attend lectures, but not seminars or tutorial classes.

(d) The student has full use of the library without payment of an additional fee.

(5) At the end of the course each student will be given, on request, a certificate of registration. This certificate lists the lectures for which the student was registered, but does not include a detailed record of attendance.

**OCCASIONAL STUDENTS**

(1) Occasional students are entitled to attend up to five lecture courses, i.e. five hours a week, throughout the session. They are normally required to enrol for a complete course or for one term; registration for single lectures is not possible. The fee for most courses is 9s. od. per hour.

(2) A person seeking admission as an Occasional student should obtain a form of application from the Registrar of the School and return it at least six days before the opening of the term in which he wishes to attend.

(3) Each applicant will be asked to state his qualifications for study at the School and the purpose for which he wishes to study, and he may be invited to attend for interview before admission. In view of pressure on teaching resources and accommodation, only a limited number of Occasional students may be accepted. The claims of graduate students proceeding to further studies will receive special consideration. Candidates for external degrees of this University may not normally be registered as Occasional students.

(4) If the application is accepted the student will, on payment of the fees, receive a card of admission for the lectures named thereon and must produce it on demand.

(5) Occasional registration does not entitle a student to attend tutorial, seminar or discussion classes. The teaching facilities are strictly limited to attendance at lectures.

(6) On payment of an additional fee of two-and-a-half guineas, an Occasional student is allowed full use of the library facilities.

(7) At the end of his attendance a student will, on request, be given a typed certificate listing the lectures for which he was registered, but this certificate will not include a detailed record of attendance.

**UNIVERSITY REGISTRATION**

Students of the School who are reading for degrees or diplomas of the University of London are registered by the School as internal students of the University.

Students reading for diplomas awarded by the School may register as associate students of the University.

**REGULATIONS FOR STUDENTS**

1. All students shall obey all rules made and instructions given by the Director of the School or under his authority, and shall refrain from conduct derogatory to the character or welfare of the School.

2. The Director may at his discretion refuse to any applicant admission to a course of study at the School or continuance in a course beyond the normal period required for its completion. He may refuse to allow any student to renew his attendance at the School as from the beginning of any term, on the ground of the student's lack of ability or of industry, or for any other good cause.

3. Fees shall not be returnable, save that applications for their partial return may be considered in exceptional circumstances.

4. The copyright in lectures delivered in the School is vested in the lecturers, and notes taken at lectures shall be used only for purposes of private study.

5. Students introducing visitors to School premises shall be held responsible for their conduct.

6. The School premises shall not, without permission from the Director or Secretary, be used for the sale or organised distribution of books, papers or other articles, or for the making of collections for charitable or other purposes.

7. Save as provided in regulations 8 and 9, no student shall, without the permission of the Director, use the name or address of the School, or the title of any body if that title includes the name of the School, when communicating to any person or organisation outside the School the text or sense of any resolution considered by any group or organisation of students.

8. Notwithstanding regulation 7, the Students' Union may communicate the text or sense of any such resolution, if strictly limited to matters of concern to students as such, to any organisation of students outside the School.

9. Notwithstanding regulations 7 and 10, where membership of any society is voluntary and that society is recognised by the Students' Union, a resolution of that society may be communicated to any person if (a) the communication also shows the numbers of members of the society voting for and against the resolution and (b) the terms of the resolution do not constitute an offence against any other regulation.

10. Save as provided in regulation 9, no student shall without the permission of the Director use the name or address of the School, or the title of any body if that title includes the name of the School, when sending any letter or other communication to the Press (other than a student publication) or when distributing any document outside the School for any purpose; save that this regulation shall not preclude any graduate student from using the address of the School when sending to persons outside the School any communication whose terms have been approved by his supervisor for the purpose of eliciting information required for his research.

11. No student shall without the permission of the Director use the name or address of the School when making to any public authority in the United Kingdom or elsewhere any representations on behalf of any other student or group of students of the School.

12. Any student or body of students who may appeal for funds to sources external to the School must make clear by whom the appeal is made and that it is not made by or on behalf of the School itself.

13. The address of the University must not be used when making communications to the Press, except by those to whom the University has given special permission.

14. Representatives of the Press (other than representatives of student publications) shall not, without the permission of the Director, be admitted to any meeting held in the School, or to any meeting held outside the School by a body whose title includes the name of the School; nor may any arrangement be made without his permission for any part of the proceedings of such a meeting to be reported or recorded by any broadcasting or television corporation or authority.

15. No student shall, without permission given by the Director or under his authority, bring or cause to be brought into any of the School premises (including Passfield Hall and the athletic ground at Malden) any alcoholic liquor.

16. No gambling or betting may take place on School premises.

17. Only those games may be played on School premises for which a student society or club has been approved.

18. The playing of cards on School premises is prohibited save:

- (a) in any room which may from time to time be assigned for the purpose to a student society or club, and
- (b) in accordance with the rules of that society or club.

19. If any offence shall be committed against any of these regulations it shall not be excused by the fact that the offender may have acted on behalf of any group or organisation of students.

20. For any breach of these regulations a student may be fined any sum not exceeding £5, be suspended either from all use of the School or from any particular privileges, or be expelled from the School.

21. The penalties of expulsion and of suspension for more than three months may be inflicted only by the Board of Discipline constituted by the Governors, and students subjected to these penalties shall have the right of appeal from the Board to the Standing Committee of the Governors. The other penalties may be inflicted by the Director or under his authority.

## BOARD OF DISCIPLINE

The Board of Discipline consists of the Director, and two members of the Court of Governors and two Professors, appointed by the Court of Governors and the Academic Board respectively at their last ordinary meetings of each session for the session following. Three members form a quorum.

## STUDENT ACTIVITIES

The particular attention of all officers of student societies is drawn to the Rules Relating to Student Activities, with which all students are required to comply. A copy of those rules is posted outside the offices of the Students' Union in the St. Clements Building.

## FEES

(The fees stated are those which are applicable to the session 1964-65; they are likely to be increased thereafter.)

### General Notes

(1) Composition fees, with the exception of those paid for a series of lectures only, entitle students to:—

- (a) the use of the library;
- (b) membership of the Students' Union, and, for students working under intercollegiate arrangements, the use of student common rooms of the other colleges at which they attend.

(2) Degree composition fees cover lectures, classes, and individual supervision, and also lectures given at other colleges under intercollegiate arrangements.<sup>1</sup> Except in the case of students registered for higher degrees they also cover registration and examination fees. Students reading for higher degrees must pay university registration and examination fees in addition to the School composition fees.

(3) Students are normally expected to pay fees by the session, but for those who find this difficult payment by terminal instalments is permitted.<sup>2</sup>

(4) The sessional or terminal fees should be paid in full before the beginning of the session or term to which they relate.<sup>2</sup> Fees are not returnable, but applications for partial return of fees may be considered in exceptional circumstances. Adequate notice of withdrawal from the School should be given. Students who fail to notify the School of their withdrawal before the opening of term will be liable for the fees for that term.

(5) Fees should, as far as possible, be paid by cheque and remitted by post to the "Accounts Department (Room 214)".

(6) Cheques should be made payable to the "London School of Economics and Political Science" and should be crossed "A/c. Payee".

(7) The School does not normally issue receipts for the payment of fees by cheque unless specially required. The admission cards issued to occasional and graduate students will serve as an acknowledgment of the payment of their fees.

<sup>1</sup> The fees do not cover board and travel costs of vacation field-work which is compulsory for students proceeding to the B.A. Honours degree in Geography, and to the B.Sc. (Econ.) degree with the Special subject of Geography.

<sup>2</sup> If for any reason, including the fact that a student pays in terminal instalments, the full fees have not been paid by 31 December, the amount due is automatically increased by £2.

**Fees for Full-time Undergraduate Courses; for Courses leading to Academic Postgraduate Diplomas; for Courses leading to Diplomas awarded by the School; and for Special Courses**

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All first degrees Academic Diplomas in Anthropology Law Psychology Public Administration Statistics Diplomas in Personnel Management Social Administration Mental Health Applied Social Studies	£70	£26	£23
One-year Graduate Course in Business Administration Trade Union Studies Composition Fee	£60	£22	£20
General Course	£100	£36	£33
Diploma in Operational Research	£200 for course (1 or 2 years)		
Diploma in Economic and Social Administration	£460 for course (1 year)		
Foreign Service Course	£380 for course (1 year)		

### Fees for Undergraduate Evening Courses

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
B.Sc. (Econ.) .. .. .	£25	£10	£8
LL.B. <sup>1</sup> .. .. .	£32	£12	£11

### Fees for Full-time Graduate Courses

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All higher degrees	£60	£22	£20
Research fee <sup>2</sup> .. .. .	£35	£13	£12
Continuation fee .. .. .	£10	£4	£4

### Fees for Part-time Graduate Courses<sup>3</sup>

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
LL.M. .. .. .	£40	£14	£14
All higher degrees (except LL.M.) <sup>4</sup> .. .. .	£16	£6	£6
Research Fee .. .. .	£16	£6	£6
Continuation fee .. .. .	£5	—	—

<sup>1</sup> This fee is not applicable to students who entered the School before October 1963.

<sup>2</sup> Graduate students undertaking research not leading to a degree, or undertaking studies leading to a higher degree of a university other than London, will be classified as research students and be required to pay the research fee.

<sup>3</sup> A part-time graduate student is defined as one who is engaged regularly on work other than his studies for more than 15 hours a week.

<sup>4</sup> Graduate students who have taken their first degrees at schools or colleges of the University of London may, in case of necessity, apply for a bursary to assist in the payment of their fees.

Notes:—

(i) The continuation fee is payable by a higher degree student who has completed his approved course of study, but has been permitted to continue his registration. It entitles him to receive advice from his supervising teacher and to attend one seminar, but not to attend any lecture courses.

(ii) The fees cover attendance by the student at all such lectures at the School as he is advised by his supervising teacher to attend. In cases where he is advised to attend a course given at one of the other institutions of the University, the permission of the Secretary of the School must first be obtained.

(iii) The fees for the LL.M. degree entitle the student to the advice and guidance of a supervising teacher and attendance at such lecture courses and seminars as are approved by the latter. A student spreading the work for the degree over two sessions may, with the consent of the teacher concerned, repeat a seminar or course already taken.

### Fees for Occasional Students

(See page 142)

Approved students are admitted on payment of appropriate fees, the amounts of which will be quoted on request. For general guidance it may be stated that the fee for most courses is 9s. per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £4 10s.

### Examination Fees

In addition to the tuition fees payable to the School, students reading for higher degrees will be required to pay fees for entry to examinations. These are set out below:—

Higher Degrees :	£	s.	d.
M.A., M.Sc.(Econ.), or LL.M. .. .. .	25	0	0
Ph.D. .. .. .	30	0	0

## STUDENTSHIPS, SCHOLARSHIPS, EXHIBITIONS AND BURSARIES

The pages immediately following give particulars of the studentships, scholarships, exhibitions and bursaries made available by the School or by other authorities to students studying or hoping to study at the School. They are classified in the following categories:—

(a) **Entrance awards**, open to those who seek to enter the School to read for a first degree.

(b) **Undergraduate awards**, open only to students already studying at the School. They are generally awarded either on the results of an Intermediate or Part I degree examination or on the student's record as an undergraduate.

(c) **Graduate awards**, open to graduates who wish to read for a higher degree of the University of London or to undertake research or advanced study.

(d) **Awards for Special Purposes:—**

- (1) The S. H. Bailey Scholarship in International Studies (*see page 158*).
- (2) The Scholarship in International Law (*see page 159*).

### OVERSEA APPLICANTS

All the awards offered are open to overseas students, and there are some for which only overseas students can compete. Two graduate entrance studentships are offered exclusively to students from overseas, on the basis of record only, and without interview. An interview at the School is, however, an essential part of the selection procedure for all other awards offered by the School, and overseas candidates cannot be considered unless they are likely to be in England at the time when the selection is being made.

### Entrance Scholarships awarded by the School

Candidates for these scholarships must apply separately for admission to the School through the University Central Council on Admissions by 15 December.

### LEVERHULME ENTRANCE SCHOLARSHIPS

(The regulations for these scholarships are under review.)

Three Leverhulme Entrance Scholarships of the value of £100 a year will be offered for award annually to students intending to read for first degrees at the School. If required, a place in a Hall of Residence will be

reserved for each scholar, though the scholar will, of course, be required to pay the normal hostel fees.

The regulations for these awards are:—

- (1) Scholarship holders shall be required to pursue one of the full-time degree courses provided at the School.
- (2) All the awards shall be tenable for three years provided that the holder makes satisfactory progress.
- (3) The awards shall be made on merit following competitive interview; regard shall not be had to the candidates' financial circumstances.

Candidates who wish to apply for one of these scholarships should notify the Registrar by 15 December.

### LEVERHULME ADULT SCHOLARSHIP

One Adult Scholarship, of the value of £100 per annum, will be offered annually by the School.

The regulations for this scholarship are:—

- (1) Candidates must be not less than 23 years of age on 1 October in the year of award.
- (2) The scholarship shall be open equally to men and women.
- (3) A student who has already obtained a university degree shall not ordinarily be considered for an award.
- (4) Candidates may be asked to submit an essay on an approved topic or to take the Entrance Examination (*see page 139*). Selected candidates will be interviewed and in consequence overseas applicants cannot be considered unless they can be available for interview in London in the Summer.
- (5) Candidates must be in a position to comply with the University of London general requirements for admission to a first degree course or must enter for an examination to enable them to comply with such requirements before 1 October in the year of award.
- (6) Candidates must have studied one or more subjects systematically since leaving school and must show evidence of promise in their work.
- (7) The scholarship shall be tenable for one year in the first instance, but may be renewed for a second and third year subject to satisfactory reports on the holder's progress.
- (8) The successful candidate shall be required to register as a regular student of the School and to pursue a course of full-time study for one of the first degrees in the social sciences.

- (9) The scholarship shall not be awarded unless there is a candidate of sufficient merit.

Application forms may be obtained from the Registrar of the School and should be returned not later than 15 December in the year of award.

#### ENTRANCE SCHOLARSHIPS FOR MATHEMATICIANS IN ACCOUNTING, ECONOMICS (ANALYTICAL AND DESCRIPTIVE), STATISTICS AND COMPUTATIONAL METHODS

Entrance Scholarships for students who wish to specialize in Accounting, Economics (Analytical and Descriptive), Statistics or Computational Methods have been established with the aid of funds provided by a number of business firms. The value of each scholarship will be £500 a year; each scholar will be responsible for paying his own fees. It is expected that two scholarships will be offered in 1965. If required, a place in a Hall of Residence will be reserved for each scholar, though the scholar will, of course, be required to pay the normal hostel fees.

The regulations for these scholarships are:—

- (1) The scholarships shall be open equally to men and women.
- (2) In making the awards, the School shall have regard to the candidates' school records and their performance in the examination for the General Certificate of Education. Candidates may also be required to attend an interview.
- (3) Successful candidates must satisfy the general requirements of the University of London before admission. They shall be required to have passed at least one of the Mathematics papers of the General Certificate of Education examination at advanced level in or before the year of award or to hold evidence of similar proficiency in Mathematics.
- (4) Scholars shall be required to register as full-time students of the School and to proceed to the internal degree of B.Sc. (Econ.) of the University of London and to offer one of the following subjects as their special subject in Part II of the degree examination:—

Accounting  
Economics (Analytical and Descriptive)  
Statistics  
Computational Methods

- (5) Scholars shall be entitled to the full value of the award. No account shall be taken of the parents' income or of income from any other source.

- (6) The scholarships shall be tenable for one year in the first instance but may be renewed for a second and third year, subject to satisfactory reports on the holders' progress.

Application forms may be obtained from the Registrar of the School and should be completed and returned not later than 30 November in the year preceding the year of award.

#### CHRISTIE EXHIBITION

An exhibition to the value of £40, founded in memory of the late Miss Mary Christie, will be offered for award every other year. The next award will probably be offered in 1966.

The regulations for this exhibition are:—

- (1) Candidates must have attained the age of 20 years on 1 October in the year of award.
- (2) The exhibition shall be awarded on the basis of the candidate's academic record and by selective interview.
- (3) Candidates must satisfy the committee as to their need of financial assistance to follow the course prescribed.
- (4) The holder of the exhibition shall pursue a diploma course in the department of Social Science and Administration at the School.
- (5) The exhibition shall be tenable for one year.

Application forms may be obtained from the Registrar of the School and should be returned not later than 31 May in the year of award, accompanied by the names of three referees and the evidence required under the regulations.

#### UNIVERSITY EXTENSION EXHIBITIONS

The School offers annually three exhibitions to the value of the composition fee for an evening student attending a first degree course.

The regulations for these exhibitions are:—

- (1) They shall be awarded on the recommendation of the University of London Council for Extra-Mural Studies.
- (2) Candidates must be University Extra-Mural students. They must satisfy the general requirements of the University of London and must reach the School's admission standard.
- (3) Exhibitioners shall be required to register as evening students of the School and to proceed to the B.Sc. (Econ.) or LL.B. degree of the University of London as internal students.
- (4) The exhibitions shall be awarded for one year in the first instance but may be renewed, subject to satisfactory progress, for the remainder of the normal evening course.



Candidates who wish to apply for an exhibition should write to the Director of the Department of Extra-Mural Studies, University of London, Senate House, London, W.C.1, by 1 November of the year before they hope to commence the degree course.

#### SPECIAL BURSARIES

The School may offer a limited number of bursaries to assist full-time or evening students reading for first degrees. The amount of the bursaries will be equivalent to the fees which the student would otherwise be required to pay.

The regulations for these bursaries are:—

- (1) Bursaries may be awarded to students who show financial need and whose record shows intellectual promise or merit.
- (2) They shall be open to day and evening students.
- (3) Holders of bursaries shall follow a first degree course at the School.
- (4) Each bursary shall be awarded for one year in the first instance.
- (5) Applications shall be accompanied by a full statement of the candidate's financial position showing clearly why he is unable to pursue his studies without financial assistance.

Application forms may be obtained from the Registrar of the School.

#### Entrance Scholarships and Exhibitions awarded by the University of London and other Bodies

##### LOCH EXHIBITIONS

Two exhibitions to the value of £24 each, founded by a private benefactor in memory of the late Sir C. S. Loch of the Charity Organisation Society, will be offered for award annually by the University of London.

The regulations for these exhibitions are:—

- (1) Candidates must have attained the age of 20 years on 1 October in the year of award.
- (2) The exhibitions shall be awarded on the basis of the candidates' academic record and by selective interview.
- (3) Candidates must satisfy the committee as to their need of financial assistance to follow the course prescribed.
- (4) Holders of the exhibitions shall pursue a diploma course in the department of Social Science and Administration at the School, and if a further year's tenure is granted, a further course in the same department.

- (5) The exhibitions shall be tenable for one year in the first instance, but may be renewed for a second year.

Application forms may be obtained from the Registrar of the School. Completed applications, accompanied by the names of three referees and the evidence required under the regulations, must reach him not later than 31 May in the year of award.

#### AWARDS OFFERED BY LOCAL AUTHORITIES

Local Education Authorities throughout the country award Scholarships for University study. Particulars may be obtained from Education Officers of Counties or County Boroughs and from the Ministry of Education pamphlet "Grants to Students" (H.M.S.O.). Early application is advised.

#### STATE SCHOLARSHIPS FOR MATURE STUDENTS

State Scholarships for mature students are awarded annually by the Department of Education and Science to enable students over the age of 25 to pursue a full-time course of study leading to an Honours Degree.

Application must be made in November of the year before the candidate hopes to start his course of study.

Further particulars may be obtained from the Department of Education and Science, Awards Branch, 13, Cornwall Terrace, N.W.1.

#### SCHOLARSHIPS FOR MENTAL HEALTH COURSE

A scheme of Government grants is available to assist candidates intending to be Psychiatric Social Workers to read for the Diploma for Social Workers in Mental Health. Further information about these grants will be given to successful applicants for admission to the course.

#### LONDON COUNTY COUNCIL

In addition to making awards to undergraduates taking full-time courses the London County Council may award exhibitions covering the composition fee for evening study at this School, tenable for the duration of courses leading to internal degrees and diplomas of the University of London. Candidates must be resident in the Administrative County of London.

Teachers in the permanent full-time employment of the Council may also be assisted with the composition fee for the courses of evening study.

Further particulars about these awards and exhibitions can be obtained from the Education Officer, The County Hall, Westminster Bridge, S.E.1 (reference HE.7/1).

Applications should be made by 31 January in the year of the award.

#### ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

The Association of Certified and Corporate Accountants offers a scholarship of a value not exceeding £200 a year for three years or £600 in all during the currency of any one scholarship, to enable the recipient to pursue a course of study for the degree of B.Sc. (Economics), specialising in Accounting or some other related subject approved by the Council, or for a higher degree similarly approved. Applications will be considered from members of the Association or from students who have passed Section I or Section II of the Association's Final Examination. The award may be made for full-time or for part-time study, the value being varied accordingly. Further particulars can be obtained from the Secretary of the Association at 22, Bedford Square, London, W.C.1.

#### SCHOLARSHIPS IN TRADE UNION STUDIES

The Trades Union Congress Educational Trust offer for award a number of scholarships for full-time students for a one-year course in Trade Union Studies.

Further information may be obtained from the Secretary, T.U.C. Educational Trust, Congress House, Great Russell Street, London, W.C.1.

#### Scholarships awarded during Undergraduate Career by the School

##### UNDERGRADUATE SCHOLARSHIPS

At least three Undergraduate Scholarships of the value of £50 a year may be offered by the School annually.

The regulations for these scholarships are:—

- (1) Day and evening students of the School shall be eligible.
- (2) Candidates must have completed not less than one year of a first degree course at the School and must not yet have begun on the final year.
- (3) The scholarships shall be awarded on the quality of the candidates' work at the School. Candidates may be required to attend an interview. These scholarships shall be awarded only if there are candidates of sufficient merit.

- (4) The scholarships shall be tenable for one or more years, extension beyond the first year being dependent upon satisfactory progress.
- (5) The scholarships shall be awarded in September of each year.

Applications on the appropriate form should be made to the Registrar by 31 July.

#### THE ACWORTH SCHOLARSHIP

#### THE ROSEBERY SCHOLARSHIP

An Acworth and a Rosebery Scholarship each of the value of £75 a year will be offered for award by the School in alternate years.

The regulations for these scholarships are:—

- (1) The scholarships shall be open to any student reading for the B.Sc. (Econ.) degree who selects the Economics of Transport as an optional subject in Part II of the degree course.
- (2) Candidates must have completed not less than one year of a first degree course at the School and must not yet have begun on the final year.
- (3) Day and evening students of the School shall be eligible.
- (4) The scholarships shall be awarded on the quality of the candidates' work at the School. Candidates may also be required to attend an interview. These scholarships shall be awarded only if there are candidates of sufficient merit.
- (5) The scholarships shall be tenable for one or more years, extension beyond the first year being dependent upon satisfactory progress.
- (6) The scholarships shall be awarded in September of each year.

Applications on the appropriate form should be made to the Registrar by 31 July.

#### HAROLD LASKI SCHOLARSHIP

An undergraduate scholarship will be offered by the School annually. The value of this scholarship will be the income of the fund for the preceding year and will normally be about £45.

The regulations for this scholarship are:—

- (1) It shall be awarded to the student of the School who proposes to offer Government as his special subject in Part II of the B.Sc. (Econ.) examination and who achieves the best result among such students in the paper on British Government: An Introduction to Politics, in Part I. An award shall be made only if there is a candidate of sufficient merit.
- (2) The scholarship shall be tenable for one year.

- (3) The scholarship shall be awarded at the end of the Summer Term in each year.

Candidates need not make special application; they will be considered automatically and the successful candidate will be informed.

#### LILIAN KNOWLES SCHOLARSHIP

An undergraduate scholarship will be offered by the School annually. The value of this scholarship will be the income of the fund for the preceding year and will normally be about £40.

The regulations for this scholarship are:—

- (1) It shall be awarded on the results of Part I of the B.Sc. (Econ.) examination to the student of the School intending to offer Economic History (Modern) or Economic History (Medieval) as his special subject in Part II of the examination and achieving the best result among such students in Part I of the examination as a whole. An award shall be made only if there is a candidate of sufficient merit.
- (2) The scholarship shall be tenable for one year.
- (3) The scholarship shall be awarded at the end of the Summer Term in each year.

Candidates need not make special application; they will be considered automatically and the successful candidate will be informed.

#### S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

The School will offer for award annually the S. H. Bailey Scholarship in commemoration of the service to the School and to International Studies of the late S. H. Bailey. The scholarship will be of the value of £50.

The regulations for this scholarship are:—

- (1) The scholarship shall be open equally to men and women.
- (2) The scholarship shall be open to all regular students of the School, but normally preference will be given to a student whose course at the School has included the study of International Relations.
- (3) The scholarship shall be awarded to enable the successful student to attend a session at the Academy of International Law at The Hague or in any other institute of international study or to gain experience of some suitable international organisation on a plan to be approved by the Director.
- (4) The scholarship shall be awarded only if suitable candidates present themselves.

Candidates should make written application to the Director before 1 May in the year of award.

#### SCHOLARSHIP IN INTERNATIONAL LAW

The School will offer for award annually a scholarship in International Law; it will be of the value of £50.

The regulations for this scholarship are:—

- (1) The scholarship shall be open equally to men and women.
- (2) The scholarship shall be open to all regular students of the School.
- (3) The scholarship shall be awarded to enable the successful student to attend a session at the Academy of International Law at The Hague.
- (4) The scholarship shall be awarded only if suitable candidates present themselves.

Candidates should make written application to the Director before 1 May in the year of award.

#### CHRISTIE EXHIBITION

(For details see page 153.)

#### Scholarships awarded during Undergraduate Career by the University of London and other Bodies

##### BRYCE MEMORIAL SCHOLARSHIP

The Clothworkers' Company offer annually, until further notice, in memory of the late Lord Bryce, a Bryce Memorial Scholarship in History or in Laws of the value of about £80.

The regulations for this scholarship are:—

- (1) Candidates must be internal students of the University.
- (2) Candidates must have completed the first year of a course as internal students of the University, and must be about to commence the second year of a course leading to the B.A. Honours degree in History or to the LL.B. degree.
- (3) The scholarship will be tenable for one year.

Candidates must apply through the Director, and applications must reach the Registrar by 15 September in the year of award.

##### CLOTHWORKERS' COMPANY'S EXHIBITIONS

The Clothworkers' Company have established two annual exhibitions of the value of about £40 a year.

The regulations for these exhibitions are:—

- (1) The exhibitions are restricted to internal students (men), who must be prepared to take an honours degree and/or to take Holy Orders in the Church of England. Preference will be given to applicants intending to take Holy Orders, but the exhibitions are open to any candidate who is proceeding to an honours degree. (Candidates for the LL.B. degree must have passed the Intermediate examination in Laws.)
- (2) The exhibitions will be tenable for two years.
- (3) They will be available during the second and third years of the degree course.
- (4) Applicants must be British subjects by birth.
- (5) Applicants' financial circumstances may be taken into account.

Candidates must apply through the Director and applications must reach the Registrar by 15 September in the year of award.

#### METCALFE SCHOLARSHIP

A scholarship, founded under the will of Miss Agnes Edith Metcalfe, is awarded annually by the University of London provided a candidate of sufficient merit presents herself. The value of the scholarship is £40 per annum.

The regulations for this scholarship are:—

- (1) Candidates must be women students who have passed the examination for Part I of the B.Sc. (Econ.) degree.
- (2) The successful candidate will be required to work either as a full-time or as a part-time student of the School for the B.Sc. (Econ.) degree.
- (3) The scholarship will be tenable for one year.

No application is required. Students selected for interview will be informed.

#### STERN SCHOLARSHIPS IN COMMERCE

Two Sir Edward Stern Scholarships each of the value of £40 (at present supplemented to £100), will be awarded annually in October.

The regulations for these scholarships are:—

- (1) Candidates must be of British nationality.
- (2) The scholarships will be awarded on the results of Part I of the B.Sc. (Econ.) examination to students proposing to take a subject of commercial interest, e.g. Industry and Trade, Accounting, Monetary Economics or appropriate subjects in Economics (Analytical and Descriptive) as the special subject in Part II of the examination.

No application is required. Students selected for interview will be informed.

#### GRAHAM WALLAS MEMORIAL SCHOLARSHIP

A Graham Wallas Memorial Scholarship, founded by friends of the late Professor Graham Wallas for the encouragement of studies in his particular field of learning, will be awarded annually until further notice. The scholarship will be of the value of £40 a year.

The regulations for this scholarship are:—

- (1) The scholarship is open to any student working as an internal student of the University for the B.Sc. (Economics) (with the special subject of Government or Sociology), the B.Sc. (Sociology), the B.A. degree in Sociology, or the B.A. or B.Sc. degree in Psychology, and who has completed satisfactorily one year of the course for the relevant degree in the University.
- (2) The scholarship will be tenable in the first instance for one year, but may be renewed on application.

Applications for the scholarship on a prescribed form, addressed to the Secretary of the Scholarships Committee, University of London, W.C.1, and accompanied by the names and addresses of not more than two referees must reach the University not later than 1 September in the year of award.

#### Studentships and Scholarships for Graduate Work awarded by the School

*Note for Oversea Students.*—The attention of students from overseas is particularly directed to the conditions of award for graduate studentships offered by the School. The awards are not made until the beginning of the session for which they are offered and, save in the case of the Leverhulme Graduate Entrance Studentships for overseas students, final selection is by competitive interview at the School. Competition for the studentships is keen, and students from overseas should not come to the School in the expectation of securing an award. They should have sufficient resources to maintain themselves during their course of study.

#### GRADUATE STUDENTSHIPS IN ECONOMICS<sup>1</sup>

Graduate Studentships established with funds provided by a number of business firms will be offered for full-time advanced study in

<sup>1</sup> "Economics" may be interpreted to include Statistics in relation to Economics, Operational Research, parts of Accounting and certain aspects of Economic Geography, Economic History and Industrial Relations.

Economics, widely interpreted. These studentships are intended to provide an opportunity for students to spend at least a year in the Graduate School in organized courses or supervised research.

The regulations for these studentships are:—

- (1) They shall be open primarily to men and women graduates of United Kingdom universities with First or good Second Class Honours degrees in Economics, and allied subjects, and to those who obtain such degrees before October in the year of award.
- (2) Each studentship shall be tenable for one year in the first instance but may in some cases be extended for not more than two further years.
- (3) Each studentship shall be of the value of £750 a year in the first year together with all appropriate fees. The value of the studentship will be increased if it is renewed for a second or third year.
- (4) Each holder of a studentship shall be required to register as a full-time student in the Graduate School and to follow a prescribed course of study or undertake approved research.
- (5) The holder of a studentship shall undertake no employment outside his graduate work without the special permission of the Director.

Applications should be made by letter giving full particulars and the names of two referees to the Secretary of the Graduate School by 1 May.

#### GRADUATE STUDENTSHIPS

Two Graduate Studentships may be offered annually for graduate work in the social sciences.

The regulations for these studentships are:—

- (1) They shall be open to men and women graduates of any university.
- (2) Each studentship shall be of the value of £450 a year together with remission of tuition fees.
- (3) Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
- (4) The holder of a studentship shall undertake no employment outside his graduate work without the special permission of the Director.

- (5) Each studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.
- (6) Awards shall be made only if there are candidates of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 6 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, whether published or in typescript, in support of their application. They should also submit the names of two referees.

#### LEVERHULME RESEARCH STUDENTSHIPS

Two Leverhulme Research Studentships may be offered annually for graduate work in the social sciences.

The regulations for these studentships are:—

- (1) They shall be open to men and women graduates of any university.
- (2) Each studentship shall be of the value of £450 a year together with remission of tuition fees.
- (3) Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
- (4) The holder of a studentship shall undertake no employment outside his graduate work without the special permission of the Director.
- (5) Each studentship shall be tenable for one year only.
- (6) Awards shall be made only if there are candidates of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 6 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, whether published or in typescript, in support of their application. They should also submit the names of two referees.

#### LEVERHULME GRADUATE ENTRANCE STUDENTSHIPS FOR OVERSEA STUDENTS

Two Graduate Studentships for oversea students may be offered annually for graduate work in the social sciences.

The regulations for these studentships are:—

- (1) They shall be open to men and women who are graduates of an oversea university or who expect to become graduates of such a university before October in the year of award.
- (2) No person who is or who has been a student of the School shall be eligible.
- (3) Each studentship shall be of the value of £450 a year together with remission of tuition fees.
- (4) Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
- (5) The holder of a studentship shall undertake no employment outside his graduate work without the special permission of the Director.
- (6) Each studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.
- (7) Awards shall be made only if there are candidates of sufficient merit.

Applications should be made by letter which should reach the Secretary of the Graduate School by 30 April. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, whether published or in typescript, in support of their application unless this information has already been sent to the School. They should give the names of two persons whom they should ask to write direct to the Secretary of the Graduate School to report on their suitability for the award. The candidates are responsible for seeing that these letters are sent in support of their application.

#### LEVERHULME RESEARCH STUDENTSHIP FOR OVERSEA STUDENTS

A Graduate Studentship will be offered annually to enable an oversea student to continue with full-time graduate work at the School leading to a higher degree of the University of London.

The regulations for this studentship are:—

- (1) The award shall be restricted to students who are not graduates of the University of London and who have been registered at the School as graduate students throughout the session previous to that in which they wish to hold the award.

- (2) The studentship shall be of the value of £450 a year together with remission of tuition fees.
- (3) The successful candidate shall be required to continue as a full-time graduate student of the School.
- (4) The holder of the studentship shall undertake no employment outside his graduate work without the special permission of the Director.
- (5) The award shall be tenable for one year only.
- (6) An award shall be made only if there is a candidate of sufficient merit.

An announcement concerning the award will appear on the notice board in the School at the beginning of the Summer Term. Applications must be made by letter addressed to the Secretary of the Graduate School.

#### THE JACKSON LEWIS SCHOLARSHIP

The Jackson Lewis Scholarship has recently been founded under the will of Mr. H. L. Jackson a former student. It will be offered every other year to enable the holder to undertake graduate work in the social sciences.

The regulations for this scholarship are:—

- (1) It shall be open to men and women graduates of any university.
- (2) The scholarship shall be of the value of at least £300 a year.
- (3) The successful candidate shall be required to register as a full-time student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
- (4) The holder of the scholarship shall undertake no employment outside his graduate work without the special permission of the Director.
- (5) Subject to satisfactory progress the scholarship shall normally be tenable for two years.
- (6) An award shall be made only if there is a candidate of sufficient merit.

Applications should be made by letter addressed to the Secretary of the Graduate School by 6 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, whether published or in typescript, in support of their application. They should also submit the names of two referees.

## RESEARCH STUDENTSHIP IN GEOGRAPHY

With the aid of a grant provided by the Shell Grants Committee a Research Studentship in Geography, tenable at the School, has been established for a limited period. It is expected that a studentship will be offered for award in 1965.

The regulations for this studentship are:—

- (1) It shall be open to men and women graduates of any university.
- (2) It shall be of the value of £450 a year together with tuition fees.
- (3) The successful candidate shall be required to register as a full-time student of the School and to follow an approved course of research or advanced study.
- (4) The holder of the studentship shall undertake no employment outside his course without the special permission of the Director.
- (5) The studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.
- (6) An award shall be made only if there is a candidate of sufficient merit.

Letters of application should be sent to the Secretary of the Graduate School by 6 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, whether published or in typescript, in support of their application.

## GREEK SHIPOWNERS' STUDENTSHIPS FOR GRADUATE STUDENTS

Studentships for graduate students of Greek nationality have been established with the aid of funds provided by a number of Greek Shipping firms.

The regulations for the studentships are:—

- (1) The value of each Studentship shall be not less than £300 a year, the student being required to pay his own fees.
- (2) The Studentships shall be open to men and women of Greek nationality who are university graduates or expect before October in the year of award to become graduates and who intend upon completion of their studies to return to Greece.
- (3) Candidates must satisfy the selection committee as to their need of financial assistance to follow the course proposed.

- (4) Each student shall be required to read at the School as a full-time student for a higher degree of the University of London, or to follow at the School some other graduate course approved by the Director.
- (5) Each Studentship shall be tenable at the School for one year in the first instance, but may be renewed for a second year if the student's progress is satisfactory.

Each candidate for an award should apply by letter giving his age and full particulars of his education and qualifications. He should state why he wishes to obtain an award and what benefit he hopes to derive from it, and he should supply details of his proposed scheme of research or course of study, unless this information has already been sent to the School. He should give the names of two referees. He should also state whether he holds any other award and the value of it.

Applications must be received by 6 September for awards tenable from the following October and should be sent to the Secretary of the Graduate School.

## MONTAGUE BURTON STUDENTSHIPS IN INTERNATIONAL RELATIONS

The School offers annually one or more graduate studentships, each of the value of £40, to enable the holders to pursue research, or to read for a higher degree in International Relations under the direction of the Montague Burton Professor of International Relations.

The regulations for these studentships are:—

- (1) The awards shall be open to graduates in the Humanities or the Social Sciences of any university.
- (2) Applicants need not necessarily have any formal grounding in any particular branch of International Studies.
- (3) In awarding the studentships the School shall have regard to the desire of those who founded this endowment by giving preference to those students who wish to qualify themselves for university teaching in International Relations, the subject in which the Montague Burton Professorship was established.
- (4) The awards shall be tenable for up to two years.
- (5) In exceptional circumstances the School may grant a maintenance allowance to the holder of one of these studentships.

Applications for the awards should be made on a form which can be obtained from the Secretary of the Graduate School and must be returned to her by 6 September.

#### NOEL BUXTON STUDENTSHIP IN INTERNATIONAL RELATIONS

With the aid of a grant provided by the Noel Buxton Trust, a Research Studentship in International Relations tenable at the London School of Economics and Political Science has been established for a limited period. It is intended to offer an award every other year; the next studentship may be offered in 1965.

The regulations for the Studentship are:—

- (1) It shall be open to men and women who are graduates of a university.
- (2) The field for research or study shall be any subject calculated to promote the better understanding of the problems of international peace and security (including disarmament). Some preference, however, may be given to subjects associated with one or other of the more urgent international problems of the day.
- (3) The holder of the Studentship shall be required to follow an approved course of study or research in the field defined in Regulation (2), whether leading to a higher degree or not.
- (4) The value of each studentship shall not exceed £1,000 a year. It shall normally be held for a period of not less than two years at a time.

Applications for the Studentships which should be in writing must give full particulars of the applicant's career and of his interest in the relevant field of study and must be received by the Secretary of the Graduate School by 30 April in the year of the award. The names of two referees should be given.

(In exceptional circumstances applications may be considered from candidates who expect to graduate before October in the year of award.)

#### HUTCHINS STUDENTSHIP FOR WOMEN

A studentship of the value of £400 is awarded every third year to women students. It is intended to promote the execution of definite pieces of original work preferably in Economic History or, if no suitable candidate is forthcoming in that field, in some branch of Social Science. The next award will be made in 1966.

The regulations for this studentship are:—

- (1) The studentship shall be open to women students who are graduates or possess the necessary qualifications to undertake research.

- (2) The subject of research shall be approved by the Director of the School.
- (3) The successful candidate shall be expected to devote her whole time to carrying on research in such fields of investigation as may be required.
- (4) The studentship shall be tenable for one year only.

Applications should be made on the prescribed form which can be obtained from the Secretary of the Graduate School. The closing date for entry is 6 September in the year of award.

#### REES JEFFREYS STUDENTSHIP IN TRANSPORT

The School will offer for award annually one studentship in Transport provided in part from funds from an endowment created for the purposes of the studentship by the late Mr. Rees Jeffreys and in part by the trustees of the Rees Jeffreys Road Fund.

The regulations for this studentship are as follows:—

- (1) It shall be open both to men and women who are graduates of a university; and also to persons who are or have been engaged in the operation or administration of transport, the construction of transport facilities or the manufacture of transport equipment.
- (2) The field for research or study shall be in subjects relating to the economics of transport, and to the balanced development of the various forms of transport.
- (3) The holder of the studentship shall be required to register at the School as a full-time student and to undertake advanced study or research; his programme of work must have the approval of the Director.
- (4) The value of the studentship shall be at least £500 a year.
- (5) The studentship shall be tenable at the School for one year in the first instance but can in appropriate circumstances be renewed for a second year.

Applications for the studentship should be made on a form which can be obtained from the Secretary of the graduate school and must be returned to him by 31 May.

#### STUDENTSHIP IN THE ECONOMICS OF LATIN AMERICA

The School will offer at least one studentship, of the value of not less than £600 a year, to enable the holder to undertake graduate work in the Economics of Latin America.



The regulations for each studentship are as follows:—

- (1) The Studentship shall be open to men and women graduates with good honours degrees in economics or to those who, before October in the year of award, obtain such degrees. Preference shall be given to candidates domiciled in the United Kingdom.
- (2) The value of the Studentship shall be not less than £600 a year together with the fees due to the School and the University of London. The cost of any travel in Latin America approved by the Director may also be provided.
- (3) The student shall be required to register at the School as a full-time student and to undertake research in the Economics of Latin America or advanced study preparatory to such research. His programme of work will require the approval of the Director.
- (4) Each Studentship shall be tenable at the School for one year in the first instance, but may be renewed for a second year if the student's progress is satisfactory, and may be further renewed thereafter.

Each candidate for an award should apply by letter giving his age and full particulars of his education and qualifications. He should indicate in outline his proposed scheme of research or course of study, unless this information has already been sent to the School. He should give the names of two referees.

Applications must be received by 11 June for awards tenable from the following October and should be addressed to the Secretary of the Graduate School.

#### MANOR TRUST

As a memorial to the late Mr. Albert Palache the Manor Trust makes donations to the School to maintain a small fund to assist students who wish to undertake research on subjects within the field of Business Administration and students attending the one-year course in Business Administration who are unable to secure financial assistance from other sources.

This Fund is administered by the Scholarships and Prizes Committee of the School.

Further information may be obtained from the Registrar.

#### S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

(See pages 158-9.)

#### SCHOLARSHIP IN INTERNATIONAL LAW

(See page 159.)

#### BURSARIES FOR GRADUATE STUDENTS

The School may offer a limited number of bursaries to assist graduate students to proceed with advanced study or research. The amount of the bursaries will be equivalent to the value of the tuition fees which the students would otherwise be required to pay.

The regulations for these bursaries are:—

- (1) Bursaries may be awarded to students who show financial need and whose record shows intellectual promise or merit.
- (2) They shall be open equally to day and evening students.
- (3) The successful candidate shall follow a course of advanced study or research approved by the Director.
- (4) The bursaries shall be awarded for one year in the first instance.
- (5) Applications shall be accompanied by a full statement of the candidate's financial position showing clearly why he is unable to undertake research without financial assistance.

Applications should be made on the prescribed form which can be obtained from the Secretary of the Graduate School.

#### Studentships and Scholarships for Graduate Work awarded by the University of London and other Bodies

#### STATE STUDENTSHIPS

The Department of Education and Science offers State Studentships and Advanced Course State Studentships for research or advanced study in Arts and Social Studies. The awards, which are open to all graduates of British universities normally resident in Great Britain, have at present a maximum value of £450 (or £340 if the student lives at home), plus tuition and examination fees. The maintenance grant will be awarded without reference to the income of the student's parents.

The awards are made by the Department of Education and Science each summer on the basis of recommendations made by British universities during the Lent Term. Students of the School who wish to undertake graduate work with the aid of state studentships of either kind should

apply to the Registrar by a date in the Lent Term which will be announced on the scholarships notice-board in the main entrance hall of the School. Every student seeking nomination must be supported by at least two and not more than three members of the teaching staff.

#### DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH

The Department of Scientific and Industrial Research has accepted the following courses as suitable for the tenure of its Advanced Course Studentships:—

- One-Year Graduate Course in Business Administration.
- Academic Postgraduate Diploma in Psychology (Section A: Social Psychology).
- Diploma in Operational Research.
- Diploma in Personnel Management.

The Department of Scientific and Industrial Research is also prepared this year to offer to suitable candidates a limited number of Research Studentships tenable at the School.

The Department allots a quota of advanced course studentships for each approved course and of Research Studentships. Students who wish to obtain one of these studentships should state the fact when applying for admission.

Attention is also drawn to the statement on page 270 about the availability of D.S.I.R. grants for students engaging in Joint Postgraduate Studies in Technology, Economics and Administration.

#### EILEEN POWER STUDENTSHIP

An Eileen Power Studentship in social and economic history, founded by the friends of the late Professor Eileen Power, will be awarded every second or fourth year until further notice. The studentship, which is designed for students of graduate standing, may next be offered for award in 1965. The studentship is of the value of at least £500, and is tenable with other emoluments.

The regulations for this studentship are:—

- (1) The student will be elected by a selection committee appointed by the Trustees.
- (2) The studentship will be open equally to men and women.
- (3) Preference will be given, other things being equal, to a candidate offering to study the economic or social history of some country other than the country of his or her usual residence.

- (4) The studentship will be tenable from October of the year of award for one year, with the possibility of renewal for a second year.
- (5) Candidates for the studentship must submit with their applications full particulars of their qualifications, the names of three referees and a scheme of study of some subject in social or economic history.

Applications should be sent, when the studentship has been advertised, to the Registrar of the School. There are no special application forms.

#### METCALFE STUDENTSHIP

A studentship, founded under the will of Miss Agnes Edith Metcalfe, is awarded annually by the University, provided a candidate of sufficient merit presents herself. Until further notice the value of the studentship will be not less than £120 in the case of a full-time student, and not less than £60 in the case of a part-time student. Candidates who do not know the result of their degree examination may make provisional application.

The regulations for this studentship are:—

- (1) The studentship is tenable at the School and is open to any woman who has graduated in any university of the United Kingdom.
- (2) The successful candidate will be required to register as a student of the School and undertake research in some social, economic or industrial problem to be approved by the University. Preference will be given to a student who proposes to study a problem bearing on the welfare of women.
- (3) The studentship is tenable for one year in the first instance, but may be renewed for a second year.

Applications must be received not later than 24 May in the year of award, by the Secretary of the Scholarships Committee, University of London, W.C.1, from whom further particulars and application forms can be obtained.

#### LEON FELLOWSHIP

A fellowship has been founded under the will of Mr. Arthur Lewis Leon for the promotion of graduate or advanced research work in any subject, but preferably in the field of Economics or Education. The value of the fellowship will be not less than £800 a year. The fellowship will be offered for award from time to time as funds permit (normally biennially), provided that there is a candidate of sufficient merit.

The regulations for this fellowship are:—

- (1) Candidates need not be members or graduates of a university, but must be in possession of qualifications which would enable them to undertake advanced research work.
- (2) A scheme of work must be submitted for the consideration of the selection committee.
- (3) Candidates who are graduates must obtain nomination from the head of the institution with which they are connected.
- (4) The fellowship is tenable for one year in the first instance, but may be renewed for a second year.

Applications must be received by the Principal, University of London, W.C.1, on or before 1 February in the year of award. Further information may be obtained from the Deputy Academic Registrar.

#### THE HENRY CHARLES CHAPMAN JUNIOR RESEARCH FELLOWSHIP

(1) The Institute of Commonwealth Studies offers a Junior Research Fellowship for research relating to the history, or to the contemporary social, economic, or political problems of the Commonwealth or any overseas part of it.

(2) The Junior Research Fellowship was established and is maintained with the income from a bequest to the University by the late Mr. Henry Charles Chapman for promoting the study of the history of the British Commonwealth, its problems and world responsibility.

(3) The annual value of each Junior Research Fellowship will be in the range £375-£500 or such smaller sum as will ensure that the holder's total income from scholarships is not less than £375 a year. In addition tuition fees in the University of London incurred by the holder of a Fellowship for his approved programme of work may be defrayed by the Institute where these fees have not otherwise been provided for.

(4) The amount of the Fellowship will be payable in quarterly instalments, each instalment (with the exception of the first which will be paid in advance) being payable only on receipt by the Institute of a satisfactory report on the Fellow's progress and conduct.

(5) The Fellowship will normally be awarded to graduates of at least one year's standing of any University of the United Kingdom or elsewhere in the Commonwealth. Only graduates of at least two years' standing can be considered for a Fellowship of annual value higher than £375. It will be tenable for one year in the first instance, with the possibility of renewal for a second year at the discretion of the Committee

of Management of the Institute. The holder of the Fellowship will be required to devote his full time to the subject of his research and, unless already registered for a higher degree in the University of London, will normally be required to register for such a degree.

(6) No application form is prescribed. Candidates should give full details of their school and University careers, state the proposed subject of research and submit a general scheme of work. They should also give the names and addresses of two persons to whom reference may be made, one of whom should, where possible, be the Supervisor of the candidate's research.

(7) Candidates placed on the short list may be required to attend at the Institute for interview.

(8) Applications must reach the Secretary, Institute of Commonwealth Studies, 27 Russell Square, London, W.C.1, not later than 1 April.

#### UNIVERSITY POSTGRADUATE STUDENTSHIPS

A number of Postgraduate Studentships of £450 a year, plus tuition fees and, under certain conditions, payment of higher degree examination fees and a grant of £25 towards the cost of producing a thesis, will be awarded annually by the University provided candidates of sufficient merit present themselves.

The regulations for these studentships are:—

- (1) Candidates may be internal or external graduates of the University, in any faculty.
- (2) Candidates must have taken their first degree not more than three years previous to the date of the award.
- (3) The studentships are tenable for one year in the first instance, but may be renewed for a second year at the discretion of the Scholarships Committee of the University.

Applications must be received by the Secretary to the Scholarships Committee, University of London, W.C.1, not later than 1 March in the year of award. Further information may be obtained from him.

#### UNIVERSITY STUDENTSHIPS

The University proposes to offer one studentship in each of the following subjects: Anthropology, Psychology, Sociology and Laws; four studentships in Economics, four in History and two in Geography. The value of the studentships will be not less than £425 a year, plus tuition fees and, under certain conditions, payment of higher degree examination fees and a grant of £25 towards the cost of producing a thesis.

The regulations for these studentships are:—

- (1) The studentships are open to internal and external students and will be awarded on the results of the Final examination in each of the particular subjects.
- (2) Successful candidates must satisfy the University of their intention to pursue a full-time course of advanced study or research and will be required to submit periodical reports on the progress of their studies during the tenure of their studentships.
- (3) The holder of a studentship will normally be required to carry out his graduate work in a school or institution of the University.

No special application need be made. Suitable students are automatically considered on the results of the final examinations. The awards will be made by the University Scholarships Committee after consideration of reports from the relevant examiners.

Further information can be obtained from the Secretary to the Scholarships Committee, University of London, W.C.1.

#### WILLIAM LINCOLN SHELLEY STUDENTSHIP

The William Lincoln Shelley Studentship founded under the will of Mr. William Lincoln Shelley, will be awarded from time to time to a graduate of the University of London for advanced study or research in any subject. Until further notice the value of the studentship will be £275<sup>1</sup> a year.

The regulations for this studentship are:—

- (1) Candidates must be graduates in this University of not more than three years' standing.
- (2) The holder of the studentship will normally be required to carry out graduate studies in a School or Institute of the University from the beginning of the University session following the award, and must satisfy the University of his intention to pursue a full-time course of research or of advanced study of a graduate nature directed towards a project of research.
- (3) Candidates must submit a scheme of work for the approval of the University of London.
- (4) The studentship will be awarded either for one year or for two years in the first instance.
- (5) The award will be made by the Scholarships Committee following a competitive interview.

<sup>1</sup> For the time being the University will make an additional grant of up to £150 and will also defray appropriate *tuition* fees and, under certain conditions, pay higher degree examination fees and make a grant of £25 towards the cost of producing a thesis.

Application must be made on a prescribed form which should be submitted to the Secretary of the Scholarships Committee not later than 1 March in the year of the award and must be accompanied by the names of not more than two persons to whom reference may be made. Where possible one of the referees quoted should be supervising the applicant's research; if this teacher is not the Head of the candidate's department the latter should be quoted as the second referee.

**Note.**—Candidates are not eligible to apply until the session after they have taken their final degree examination.

#### UNIVERSITY POSTGRADUATE TRAVELLING STUDENTSHIPS

A number of Postgraduate Travelling Studentships will be awarded annually by the University if candidates of sufficient merit present themselves.

The regulations for these studentships are:—

- (1) Candidates may be internal or external graduates of the University, in any faculty.
- (2) Candidates must not have completed their 28th year on or before 1 June in the year of award.
- (3) Successful candidates must spend the year of tenure abroad and must submit a scheme of work for the approval of the University.
- (4) The value of the studentships will be fixed in relation to the estimated expenses of the successful candidates.
- (5) The studentships will be tenable for one year.

Applications must be received by 1 March in the year of award by the Secretary to the Scholarships Committee, University of London, W.C.1, from whom further information can be obtained.

#### DERBY STUDENTSHIP

A Derby Studentship in History will be awarded annually by the University on the results of the final examination for the B.A. Honours degree. The value of the studentship will be £100 and it will be tenable for one year. It can be held concurrently with University Studentships awarded on the results of the final examination. No special application is necessary; the studentship will be awarded by the Scholarships Committee after considering reports from the Examiners.

#### GERSTENBERG STUDENTSHIP

A Gerstenberg Studentship will be awarded annually by the University on the results of the final examination for the B.Sc. (Econ.)

degree. The value of the studentship will be £100 and it will be tenable for one year. It can be held concurrently with University Studentships awarded on the results of the final examination. No special application is necessary; the studentship will be awarded by the Scholarships Committee after considering reports from the Examiners.

#### SCHOLARSHIP IN LAWS

One Scholarship in Laws, to the value of approximately £50, tenable for two years, will be offered annually by the University on the results of Part II of the Final examination in Laws. The selected student must satisfy the University of his intention to pursue a part-time course of advanced study or research. No application is required. Students will be considered automatically.

#### RESEARCH FELLOWSHIPS IN HISTORY

(1) The Senate offers a number of Research Fellowships in History tenable at the Institute of Historical Research, Senate House, W.C.1. The Fellowships will be of an annual value of £600, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £600 a year. In addition, tuition fees in the University of London, incurred by the holders of Fellowships for their approved programmes of work, may be defrayed by the University, where these fees have not otherwise been provided for.

(2) The Fellowships will be awarded to Graduates in History of any University. In respect of half of those available preference will be given to Graduates in History of the University of London.

(3) The Fellowships will normally be awarded to Postgraduates of at least two years' standing. They will be tenable for one year in the first instance, but may be renewed for a second year at the discretion of the Institute of Historical Research Committee.

(4) Applications must be made on the prescribed form, which may be obtained from the Secretary of the Institute, and must include the names of two persons to whom reference may be made. Candidates placed on the short list will be required to attend at the Institute for interview.

(5) Candidates must submit a general scheme of work for the approval of the Institute Committee, and the holder of a Fellowship will be required to keep terms at the Institute and to devote his full time to the subject of his research. Leave of absence from London for a limited period may be given at the discretion of the Committee.

(6) The awards will be made by the Institute of Historical Research Committee, acting on behalf of the University Scholarships Committee, subject to confirmation by the Senate.

(7) The amounts of the Fellowships will be paid in instalments at such times as may be decided in each case, each instalment (with the exception of the first, which will be paid in advance) being payable only on receipt by the University of satisfactory reports on the holder's progress and conduct.

(8) The awards will be made in May and applications must reach the Director, Institute of Historical Research, Senate House, W.C.1, not later than 1 April.

#### JOSEPH SCHOLARSHIP

The Madge Waley Joseph Memorial Scholarship for women, founded in memory of the late Mrs. Madge Waley Joseph, will be awarded annually and will be of the value of about £40. The scholarship will be awarded alternately to a student of Bedford College and of the London School of Economics. It should be awarded to a student of the School in 1966.

The regulations for this scholarship are:—

- (1) The scholarship is only open to women students.
- (2) Candidates must pursue a one-year graduate course in Social Science in preparation for subsequent work in social service.
- (3) Candidates must be nominated by the Director and nominations must reach the Academic Registrar not later than 15 June in the year of award.
- (4) The scholarship will be tenable for one year.

#### CENTRAL RESEARCH FUND

The Senate of the University has at its disposal a Research Fund from which grants may be made to students of the University. Such grants will be made for specific projects of research, being intended to cover approved expenses and for the provision of materials and apparatus not otherwise available to the applicant. Applications must be received not later than 31 March, 15 September or 15 December.

Further information may be obtained from the Deputy Academic Registrar, University of London, W.C.1.

#### ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

(See page 156.)

## AWARDS FOR STUDY IN THE U.K. AND ABROAD

Many scholarships, studentships and fellowships, for which students of the School are eligible, are offered by or are tenable at universities both at home and overseas. Several awards are also available for vacation courses abroad. Particulars of these are posted on the Scholarships Notice-board in the main entrance hall of the School and more detailed information may be obtained from the Registrar.

## MEDALS AND PRIZES

Offered by the School and open only to students of the School.

## RAYNES UNDERGRADUATE PRIZE

A prize to the value of £10 in books, provided through the generosity of the late Mr. Herbert Ernest Raynes, will be awarded annually in July to the student who obtains the best marks at Part I of the Final B.Sc. (Econ.) examination.

## ALLYN YOUNG PRIZE

In memory of the late Professor Allyn Young, a prize in books will be awarded annually for the best performance in the papers in Economics and Elementary Statistical Theory by a student at Part I of the B.Sc. (Econ.) final examination. The value of the prize will be the income of the fund for the year preceding the award and will normally be about £10. It will be awarded only if there is a suitable candidate.

## SCHOOL PRIZES

Provided that candidates of sufficient merit present themselves, the School will award annually eight prizes of books to the value of £10 each to students who are reading for first degrees and whose work in their first year shows particular merit.

The prizes will be offered as follows:—

*B.Sc. (Econ.)*: Three prizes will be awarded: one for the second best performance in Part I of the B.Sc. (Econ.) examination as a whole (the Raynes Undergraduate Prize is offered for the best performance); one for the best performance in Economic History or Political History; one for the best performance in British Government: An Introduction to Politics.

*LL.B.*: A prize will be awarded for the best performance in the Special Intermediate Examination in Laws.

(i) *B.A. or B.Sc. with Honours in Sociology*; (ii) *B.A. Honours or B.Sc. (Special) in Geography*; (iii) *B.A. with Honours in History*; (iv) *B.A. with Honours in Philosophy and Economics and B.A. Honours or B.Sc. (Special)*

*degree in Anthropology*: A prize will be awarded to the student who is adjudged to have done the best first year's work in a degree course in each of these groups.

#### HUGHES PARRY PRIZE

The Hughes Parry Prize, of books to the value of about £10, may be awarded annually to a regular student of the School achieving an outstanding performance in the subject Law of Contract in the Special Intermediate Examination in Laws. This prize commemorates the work of Sir David Hughes Parry, Professor of English Law from 1930 to 1959 and first Director of the Institute of Advanced Legal Studies.

#### WILLIAM FARR PRIZE

Through the generosity of the late Mr. W. J. H. Whittall, a prize consisting of a medal and books is offered annually in memory of Dr. William Farr, C.B., F.R.S. The value of the books will be the remainder of the preceding year's income of the fund after provision of the medal and will not normally be less than £5. It will be awarded for proficiency and merit in the special subjects of Statistics or Computational Methods<sup>1</sup> at Part II of the Final B.Sc. (Econ.) examination, the award to be restricted to regular students of the School, who have pursued a course of study at the School as internal students of the University of London.

#### THE GONNER PRIZE

A prize is offered annually in memory of the late Professor Sir Edward Gonner, Professor of Economic Science in the University of London from 1891 to 1922, and Director of Intelligence in the Ministry of Food from 1917 to 1921. The value of the prize will be the income of the fund for the year preceding the award and will normally be about £6. It will be awarded to a student who shows conspicuous merit in the special subject of Economics at Part II of the Final B.Sc. (Econ.) examination. The prize will be given in books, and is restricted to registered students of the School, who have pursued a course of study at the School as internal students of the University. It will only be awarded if there is a suitable candidate.

#### THE GEORGE AND HILDA ORMSBY PRIZES

Through the generosity of Dr. Hilda Ormsby the School offers annually two prizes, open to students who pursue a course of study at the School as internal students of the University of London.

<sup>1</sup> Students who are offering the special subject Computational Methods will be eligible for the award if they offer the paper "Probability, Distribution and Sampling Theory".

The first of these prizes, to the value of £30, will be awarded for an essay on an approved subject in the field of Geography and will be open for competition to all students of the School reading for a first degree. It will normally be awarded in October of each year. The subjects approved for the award will be announced annually in the Michaelmas Term, and essays of not more than 3,000 words in length should be submitted to the Registrar by 30 September.

The second, to the value of £20, will be awarded to the candidate whose performance is adjudged the best either in the B.Sc. (Econ.) Part II examination, with Geography as Special Subject, or in the B.A. Honours Geography final examination, or in the examination for the B.Sc. (Special) degree in Geography.

#### PREMCHAND PRIZE

A prize of £20, awarded through the generosity of Sir Kikabhai Premchand of Bombay, is offered annually to a student who shows conspicuous merit in the special subject of Monetary Economics, at Part II of the Final B.Sc. (Econ.) examination. The prize is restricted to registered students of the School, whose course of study has been pursued as internal students of the University. It will only be awarded if there is a suitable candidate.

#### THE ARTHUR ANDERSEN PRIZE IN ACCOUNTING

A prize of the value of about £15 in books is offered annually to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree in the special subject of Accounting, is judged by the staff of the School who are examiners in that special subject to be the best of his year; provided that a candidate of sufficient merit presents himself.

#### ROTARY GOLDEN ANNIVERSARY PRIZE

A Rotary Golden Anniversary Prize of £20 is offered annually by the University of London for award to the student, Internal or External, who has taken "The Structure of International Society I" at Part I of the B.Sc. (Econ.) examination and has done best in the examination as a whole.

#### THE BASSETT MEMORIAL PRIZES

Two prizes will be offered annually in memory of Professor R. Bassett, Professor of Political Science: (i) a prize of books to the value of £15 to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree, with Government as his special subject, is judged to be the best of his year: special consideration will be given to

conspicuous merit in the paper "The Politics and Government of the United Kingdom"; (ii) a prize of books to the value of £3 to the Trade Union student who is judged by the Tutor to the course in Trade Union Studies to have achieved the best performance of his year.

#### HOBHOUSE MEMORIAL PRIZE

A prize of £10 founded in memory of the late Professor L. T. Hobhouse, Martin White Professor of Sociology at the School from 1907 to 1929, will be awarded annually to a student who shows conspicuous merit in the subject of Sociology. The prize, which will be given in books, is restricted to regular students of the School, who have pursued a course of study at the School as internal students of the University. It will only be awarded if an adequate standard of excellence has been attained.

#### THE FREE PRESS PRIZE

Through the generosity of the Free Press of Glencoe, books to the value of £15 are offered annually to a student who shows conspicuous merit in the subject of Sociology. The prize will be awarded on the basis of candidates' performance in the final examination for the B.A. degree with Honours in Sociology, the B.Sc. (Sociology) degree, or B.Sc. (Econ.) degree with Sociology in Part II of the final examination. It is restricted to regular students of the School who are also internal students of the University. It will be awarded only if there is a suitable candidate.

#### MOSTYN LLOYD MEMORIAL PRIZE

The Committee of the Mostyn Lloyd Memorial Fund offers annually a prize of £10 in memory of the late Mr. Mostyn Lloyd, who was head of the Department of Social Science from 1922 until 1944. Through the generosity of Mrs. Lloyd the prize in the first years of award amounted to £20. It is awarded by the Director, on the recommendation of the head of the department of Social Science and Administration, to the best all-round student or students obtaining the Diploma in Social Administration in each year. Both academic achievement and practical work are taken into consideration. The prize will be awarded only if there is a suitable candidate.

#### THE JANET BEVERIDGE AWARD

The Trustees of the Janet Beveridge Memorial Fund have provided funds to enable the School to offer an annual prize. It will consist of books, and will be awarded by the Director to a student who achieves conspicuous merit in the final examination for the Diploma in Social Administration.

#### THE HARRIET BARTLETT PRIZE

Through the generosity of Miss Harriet Bartlett, an American social worker, formerly a student of this School, a book prize of the value of five guineas will be offered for award annually provided that there is a candidate of sufficient merit. The award will be made by the Director on the recommendation of the Scholarships and Prizes Committee.

Students who have obtained a Diploma in Applied Social Studies or the Diploma for Social Workers in Mental Health are eligible to compete and the prize will be awarded to the student who submits the best report on a case from his fieldwork.

Candidates should prepare these reports so that they can be used for teaching purposes and should submit them to the Registrar by 1 February.

#### GLADSTONE MEMORIAL PRIZE

The Trustees of the Gladstone Memorial Trust offer an annual prize of £30, one-half of which will be awarded in books, for an essay set within the terms of the Trustees' essay formula. This demands that "the subject of the Essay shall be connected with either History or Political Science or Economics, and with some aspect of British policy, domestic, international or foreign, in relation to finance or other matters, from the beginning of the 19th Century to the present time". The prize is open to all regular students registered at the School for the session preceding the date of entry, which will be 30 November in each year. The subjects of the essay are announced annually in the Lent Term. In considering the essays submitted, the committee of award will take into account the age and standing of the candidates.

Essays, which should not exceed 8-10,000 words in length, should reach the Director not later than 30 November in each year.

#### ROSEBERY PRIZES

The School offers for award annually two prizes, one of the value of £20 and one of the value of £10, for an essay on an approved subject in the field of Transport.

The prizes are open for competition to all students of the School reading for a first degree and will normally be awarded in June of each year. The subjects are announced in the Michaelmas Term of each session and essays, of not more than 3,000 words in length, should be sent to the Registrar by 31 May.



## THE DIRECTOR'S ESSAY PRIZES

Two prizes in books, one of £5 and one of £3, are awarded annually by the Director for the best essay written during the first session by an undergraduate student, reading for a first degree or diploma, who has not previously studied at a University. The subjects for the essay, which should not exceed 3,000 words, will be prescribed annually.

## BOWLEY PRIZE

A prize, founded to commemorate the distinguished services to economic and statistical sciences of the late Professor Sir Arthur L. Bowley, Professor of Statistics in the University of London from 1915 to 1936, will be awarded once every three years. The value of the prize will be the income of the fund for the three years preceding the award and will not normally be less than £26. It will be open to present or past regular students of the School, who have registered for a period of at least two years and are within 10 years of their first graduation at any university, but allowance will be made for periods of National Service when deciding whether the candidate complies with this condition. The prize will be awarded in respect of work in the field of economic or social statistics, completed within four years prior to the closing date for entries. It will be awarded only if an adequate standard of excellence is attained.

The closing date for the next competition is 1 January 1966. The Committee of Award (established by the Standing Committee of the Court of Governors) will consist of one representative of the School, one of the Royal Statistical Society and one of the Royal Economic Society.

## THE GOURGEY ESSAY PRIZE

Through the generosity of Mr. P. S. Gourgey, a former student of this School, a book prize of the value of at least £1 1s. od. will be offered for award annually to students attending the course in Trade Union Studies. Competitors will be required to submit an essay on a subject which will be announced in the Michaelmas Term of each session. An award will be made only if there is a candidate of sufficient merit. Essays should be sent to the Tutor to the course in Trade Union Studies by 31 May.

## FIRST DEGREE COURSES

- (1) General Information.
- (2) Degree of Bachelor of Science in Economics (B.Sc. (Econ.)).
- (3) Degree of Bachelor of Laws (LL.B.).
- (4) Degree of Bachelor of Arts (B.A.).
- (5) Degree of Bachelor of Science (Special) (B.Sc.(Special)).
- (6) Degree of Bachelor of Science in Sociology (B.Sc. (Soc.)).

## General Information

The School registers students for the following honours degrees of the University of London:—

Bachelor of Science in Economics. (*Day and evening courses.*)

Bachelor of Laws. (*Day and evening courses.*)

Bachelor of Arts with Honours in the following subjects:—

Anthropology, Geography, History, Philosophy and Economics, Sociology. (*Day courses only.*)

Bachelor of Science (Special) in Anthropology and Geography. (*Day course only.*)

Bachelor of Science in Sociology. (*Day course only.*)

Candidates for the degree of B.Sc. in Household Science, Psychology and Estate Management will find at the School a number of courses in the subjects prescribed for their degrees, but can only take a complete course as internal students by registering at another college.

**All students should read the University Regulations for Internal Students in the relevant faculty. They may be obtained from the University or the Registry at the School.**

The approved course of study for a first degree extends over not less than three years.<sup>1</sup>

Except by special permission of the Director, students of the School who fail at any degree examination, or whose progress has been unsatisfactory, or who have completed the normal course for an examination

<sup>1</sup> Graduates of approved universities and persons who have obtained a Teacher's Certificate awarded after a course of study extending over not less than three years may in certain circumstances be permitted to complete the course for a first degree in not less than two years. Details may be found in the pamphlet "General Regulations for Internal Students" obtainable from the University of London, Senate House, London, W.C.1.

but, without adequate reason, have failed to enter will not be eligible for re-registration. Students who are given this special permission will not be allowed in the year of re-registration to do any work at the School other than work for that examination in which they failed. Departures from this rule will only be made in exceptional cases and subject to such conditions as the Director may require in any particular case.

### Evening Students

No person will be admitted to a course of study as an evening student unless he is in regular employment during the day.

Evening students reading for the B.Sc. (Econ.) degree spread the course of study for Part I of the Final examination over two years and for Part II over three years. The School cannot undertake to arrange that lectures and classes will be held at suitable times for evening students who try to complete the course in a shorter period.

Evening students reading for the LL.B. degree are required to spend four years on the degree course, unless they have taken the Intermediate Examination before admission to the School. Every evening student is required to spend two years studying for Part I.

**The School cannot guarantee that evening instruction will be given in all special, alternative and optional subjects of the degree courses provided. Evening students should, on entry, ask the Registrar what courses will be held in the particular subjects in which they are interested.**

### 2. Degree of Bachelor of Science in Economics

Complete courses of study are provided by the School for the degree of B.Sc. (Econ.).

Before admission to the course a student must have satisfied the general entrance requirements of the University of London. In general this means that candidates must have passed in five subjects in the General Certificate of Education Examination, two of them at Advanced level, or in four subjects, three of them at Advanced level, or be graduates of an approved university.

A candidate who has attained the age of 23 and holds a full practising professional qualification obtained by examination may apply for his qualification to be recognized as satisfying the entrance requirements.

All candidates should consult the pamphlet containing regulations relating to University Entrance Requirements, which may be obtained from the Secretary to the Entrance Requirements Department, University of London, Senate House, London, W.C.1.

On the following pages are set out details of the B.Sc. (Econ.) degree: Revised Regulations. Details of the Old Regulations can be seen in the Calendar for 1962-63 but no further registration under them will be permitted.

### Revised Regulations

The examination is divided into two Parts and a candidate is required to pass Part I before he enters for Part II.

A student is eligible to present himself for the Part I examination after having satisfactorily attended approved courses extending over one academic year. Part II is normally taken at the end of the third year. The examinations for Part I and Part II will normally be held annually in June and May respectively.

The required subjects of examination and the courses provided are as follows:—

#### PART I

Candidates are required to take five papers. Three are compulsory:—

Subject.	Reference Nos of Courses.
1. Economics .. .. .	9, 19
2. British Government: an Introduction to Politics ..	560
3. History, <i>either</i> (a) Economic History .. .. .	260
or (b) Political History .. .. .	289, 305

and two are known as alternative subjects. The fifteen alternative subjects are:—

(1) Mathematics, <i>either</i> (a) Basic Mathematics .. .. .	910-11
or (b) Intermediate Mathematics .. .. .	912-13
(2) Elementary Statistical Theory .. .. .	923-4
(3) Introduction to Logic <sup>1</sup> .. .. .	485, 485(A)
(4) Introduction to Scientific Method .. .. .	486, 486(A)
(5) English Legal Institutions .. .. .	379, 412
(6) Elements of Social Structure I <sup>2</sup> .. .. .	834, 834(A)
(7) Structure of International Society I .. .. .	500-1
(8) Methods of Social Investigation .. .. .	920-1, 947
(9) Principles and Methods of Social Anthropology .. .. .	640, 654
(10) Psychology .. .. .	700, 701, 706
(11) An Approved Modern Foreign Language .. .. .	460-1, 461A, 461B
(12) Geography .. .. .	185, 186
(13) Economic History of England from the Norman Conquest to 1485 .. .. .	273, 275
(14) Ethics as applied to Problems of Social Organisation <sup>3</sup> .. .. .	—
(15) Elements of International Law <sup>4</sup> .. .. .	372, 406

<sup>1</sup> This subject is recommended only for students who are interested in Mathematics and who are taking *Basic* or *Intermediate Mathematics* at the same time. No tuition will be given in this subject during the session 1964-65.

<sup>2</sup> This subject may only be taken by candidates offering Special Subject VIII (Sociology) or Special Subject XII (Social Anthropology) at Part II.

<sup>3</sup> No tuition will be given in this subject during the session 1964-65.

<sup>4</sup> Candidates who have taken Elements of International Law at Part I will not be permitted to offer International Law at Part II.

Candidates are required to select two alternative subjects according to the following scheme:—

SPECIAL SUBJECT IN PART II	ALTERNATIVE SUBJECTS IN PART I
I. Economics, Analytical and Descriptive.	Any two of the alternative subjects (except No. 6)
II. Monetary Economics.	Any two of the alternative subjects (except No. 6)
III. Industry and Trade <sup>1</sup>	(5) English Legal Institutions and either 3(b) Political History or (1) Mathematics (a) or (b) or (3) Introduction to Logic.
IV. Accounting.	(5) English Legal Institutions and either (1) Mathematics (a) or (b) or (2) Elementary Statistical Theory.
V. Economic History, Modern.	Any two of the alternative subjects (except No. 6)
VI. Economic History, Mediaeval.	Any two of the alternative subjects (except No. 6)
VII. Government.	Any two of the alternative subjects (except No. 6)
VIII. Sociology.	(6) Elements of Social Structure I and either (8) Methods of Social Investigation or (9) Principles and Methods of Social Anthropology.
IX. Statistics.	(1) (b) Intermediate Mathematics and either (2) Elementary Statistical Theory or (3) Introduction to Logic.
X. Computational Methods.	(1) (b) Intermediate Mathematics and either (2) Elementary Statistical Theory or (3) Introduction to Logic.
XI. International Relations.	Any two of the alternative subjects (except No. 6)
XII. Social Anthropology.	Either (9) Principles and Methods of Social Anthropology or (6) Elements of Social Structure I and any one of the other alternative subjects.
XIII. International History.	Any two of the alternative subjects (except No. 6)
XIV. Geography.	(12) Geography and any one of the other alternative subjects (except No. 6)

A candidate who has taken 3 (a) Economic History at Part I is not permitted at Part II to take Economic History at the subject "History" in papers 2 or 3; and a candidate who has taken 3 (b) Political History at Part I is not permitted at Part II to take Political History in papers 2, 3 or 8.

A candidate who has taken both paper 3 (a) Economic History, and 3 (b) Political History (as an alternative subject), at Part I will be required, if offering History at Part II under 2, 3 or 8, to take the paper 8 (d) "International Economic History, 1850-1945" as prescribed in V Economic History, Modern.

<sup>1</sup> Students will offer (a) Economic History under Paper 3 as a Compulsory Subject.

## PART II Special Subjects

(The regulations for some of the special subjects are under review)

Candidates are required to select one special subject from the fourteen listed below. There are eight papers in the examination for each special subject.

Subject.	No. of Papers.	Reference Nos. of Courses.
I. <i>Economics, Analytical and Descriptive</i>	8	
1. Political Thought .. .. .		561-3
2. One of the following:—		
(a) History		
(i) Economic History .. .. .		261
(ii) Political History .. .. .		290, 306
(b) Mathematics A <sup>1</sup> .. .. .		914-15
(c) Mathematics B .. .. .		916-17
3. One of the following:—		
(a) Scientific Method .. .. .		488, 488(A)
(b) Accounting—Management and Economic Aspects ..		133-4, 136, 144
(c) Theory of Statistical Methods .. .. .		927, 931-2, 955
(d) Economic Geography .. .. .		187, 193
(e) An Approved Modern Foreign Language .. .. .		462-472
(f) Public Finance .. .. .		56-7, 62
(g) Elements of Statistical Theory and Methods <sup>2</sup> ..		923-5(A)
(h) Constitutional and Administrative Law .. .. .		386, 415
(i) Elements of Commercial Law .. .. .		380-4, 413
(j) International Law <sup>3</sup> .. .. .		372-3, 406
(k) Elements of Social Structure II .. .. .		834-5
(l) Mathematics A or B (if not taken in 2 above) ..		914-5, or 916-7
(m) Structure of International Society II <sup>4</sup> .. .. .		502, 503, 506
(n) Mathematical Logic .. .. .		487, 487(A)
4. Economic Principles .. .. .		11, 14, 21, 102
5. Problems of Applied Economics .. .. .		10, 49, 50, 66
6. Either		
(a) Economic Statistics .. .. .		940, 941(A), 942, 949-53
or		
(b) Statistical Methods in Economics .. .. .		17
7. Development of Economic Analysis .. .. .		13, 23
8. One of the following:—		
(a) History of Economic Thought .. .. .		12, 22
(b) Economics treated Mathematically .. .. .		15(A), 15(B), 16, 970-1, 974
(c) Public Finance (if not taken in 3 above) .. .. .		56-7, 62
(d) Economics of Transport .. .. .		170-3
(e) International Economics .. .. .		102
(f) Industry and Trade .. .. .		51-2, 65
(g) Agricultural Economics .. .. .		59
(h) Economics of Labour .. .. .		—
(i) Principles of Monetary Economics .. .. .		85-6, 88-9, 91-2
(j) Business Finance .. .. .		50, 54-5, 63
(k) Economic Statistics (if not taken in 6 above) ..		940, 941(A), 942, 949-53

<sup>1</sup> This paper may not be taken by candidates who have taken (b) *Intermediate Mathematics* at Part I.

<sup>2</sup> This paper may not be taken by candidates who have taken *Elementary Statistical Theory* at Part I.

<sup>3</sup> This paper may not be taken by candidates who have taken *Elements of International Law* at Part I.

<sup>4</sup> This may be taken only by those who take *International Economics* under 8.

Subject.	No. of Papers.	Reference Nos. of Courses.
II. <i>Monetary Economics</i> .. .. .	8	
1. Political Thought .. .. .		561-3
2. History		
either (i) Economic History .. .. .		261
or (ii) Political History .. .. .		290, 306
3. One of the following:—		
(a) Scientific Method .. .. .		488, 488(A)
(b) Accounting—Management and Economic Aspects .. .. .		133-4, 136, 144
(c) Economic Geography .. .. .		187, 193
(d) An Approved Modern Foreign Language .. .. .		462-472
(e) Constitutional and Administrative Law .. .. .		386, 415
(f) Elements of Commercial Law .. .. .		380-4, 413
(g) International Law <sup>1</sup> .. .. .		372-3, 406
(h) Elements of Social Structure II .. .. .		834-5
(i) Elements of Statistical Theory and Methods <sup>2</sup> .. .. .		923-5(A)
4. Economic Principles .. .. .		11, 21, 102
5. Problems of Applied Economics .. .. .		10, 49, 66
6. Principles of Monetary Economics .. .. .		85-6, 88-9, 91-2
7. Monetary Institutions .. .. .		80, 82-4, 87
8. One of the following:—		
(a) History of Economic Thought .. .. .		12, 22
(b) International Economics .. .. .		102
(c) Economic Statistics .. .. .		940, 941(A), 942, 949-53
(d) Public Finance .. .. .		56-7, 62
III. <i>Industry and Trade</i> .. .. .	8	
1. Economic Principles .. .. .		11, 21, 102
2. Political Thought .. .. .		561-3
3. Economic Statistics and Business Accounts .. .. .		133, 144, 920-1, 940-1
4. Business Administration .. .. .		125-6
5. Industry and Trade .. .. .		51, 52, 64-5, 171
6. <i>Either</i>		
(a) Labour, including Law of Labour and of Social Insurance .. .. .		53, 385, 414, 632
or		
(b) Economics of Labour .. .. .		59
7. Elements of Commercial Law .. .. .		380-3, 413
8. One of the following:—		
(a) Accounting—Management and Economic Aspects .. .. .		133-4, 136, 144
(b) Applied Statistics .. .. .		943
(c) Business Finance .. .. .		50, 54-5, 63
(d) Economics treated Mathematically .. .. .		15-16, 970-1, 974
(e) History of Economic Thought .. .. .		12, 22
IV. <i>Accounting</i> .. .. .	8	
1. Political Thought .. .. .		561-3
2. One of the following:—		
(a) History:		
either (i) Economic History .. .. .		261
or (ii) Political History .. .. .		290, 306

<sup>1</sup> This paper may not be taken by candidates who have taken Elements of International Law at Part I.

<sup>2</sup> This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(b) Business Administration .. .. .		125-6
(c) Mathematics A <sup>1</sup> .. .. .		914-5
(d) Mathematics B .. .. .		916-7
(e) Elements of Statistical Theory and Methods <sup>2</sup> .. .. .		923-5 (A)
(f) Economics treated Mathematically .. .. .		15-16, 970-1, 974
(g) Elements of Management Mathematics .. .. .		920-1, 964-6, 970-1
3. Economic Statistics and Business Accounts .. .. .		133, 920-1, 940, 941(C)
4. Economic Principles .. .. .		11, 21, 102, 141
5. <i>Either</i>		
(a) Problems of Applied Economics .. .. .		10, 49, 66
or		
(b) Industry and Trade .. .. .		51, 52, 65
6. Elements of Commercial Law .. .. .		380-2, 384, 413
7 and 8. Accounting .. .. .		133-40, 142
V. <i>Economic History, Modern</i> .. .. .	8	
1. Economics .. .. .		10, 20
2. Political Thought .. .. .		561-3
3. English Economic History, 1485-1760 .. .. .		263-4
4. English Economic History from 1760 .. .. .		264-5
5 and 6. Economic and Political History of England in one of the following periods:—		
(a) ca. 1575-1642 .. .. .		266, 276
or		
(b) 1830-1886 .. .. .		267, 277
7. Economic History of the United States of America from 1783 .. .. .		269-72
8. One of the following:—		
(a) Economics of Transport .. .. .		170-3
(b) English Constitutional History since 1660 .. .. .		505
(c) International History, 1815-1945 .. .. .		292-5, 297, 309
(d) International Economic History, 1850-1945 .. .. .		303
(e) An Approved Modern Foreign Language .. .. .		462-472
(f) Scientific Method .. .. .		488, 488(A)
(g) Social Philosophy .. .. .		851, 853-4
(h) Elements of Social Structure II .. .. .		834-5
(i) Economic Statistics .. .. .		940, 941(A)
(j) Historical Geography .. .. .		942, 949-53
(k) Political History .. .. .		188, 198, 238
(l) Social Aspects of Political and Economic Development .. .. .		290, 306
(m) Social Aspects of Political and Economic Development .. .. .		655-6
VI. <i>Economic History, Mediaeval</i> .. .. .	8	
1. Economics .. .. .		10, 20
2. Political Thought .. .. .		561-3
3 and 4. Economic History of England and Western Europe in the Middle Ages .. .. .		274
5 and 6. English Economic History, 1377-1485 .. .. .		274
7 and 8. <i>Two</i> of the following:—		
(a) English Constitutional History to 1485 .. .. .		338
(b) English Constitutional History since 1660 .. .. .		565

<sup>1</sup> This paper may not be taken by candidates who have taken (b) *Intermediate Mathematics* at Part I.

<sup>2</sup> This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(c) English Economic History, 1485-1760 .. ..	.. ..	263-4
(d) English Economic History from 1760 .. ..	.. ..	264-5
(e) International History, 1815-1945 .. ..	.. ..	292-5, 297, 309
(f) International Economic History, 1850-1945 .. ..	.. ..	303
(g) Economic History of the United States of America from 1783 .. ..	.. ..	269-272
(h) Mediaeval Political Text .. ..	.. ..	588
(i) An Approved Modern Foreign Language .. ..	.. ..	462-472
(j) Scientific Method .. ..	.. ..	488, 488(A)
(k) Historical Geography .. ..	.. ..	188, 198, 238
(l) Social Philosophy .. ..	.. ..	851, 853-4
VII. Government .. ..	8	
1. Economics .. ..	.. ..	10, 20
2. History:		
either (i) Economic History .. ..	.. ..	261
or (ii) Political History .. ..	.. ..	290, 306
3. One of the following:—		
(a) English Constitutional History since 1660 .. ..	.. ..	565
(b) Constitutional and Administrative Law .. ..	.. ..	386, 415
(c) International Institutions .. ..	.. ..	508, 508(A), 510
(d) History of Economic Thought .. ..	.. ..	12, 22
(e) Scientific Method .. ..	.. ..	488, 488(A)
(f) An Approved Modern Foreign Language .. ..	.. ..	462-472
(g) Local Government of England and Wales .. ..	.. ..	572, 572(A)
4. Political Thought .. ..	.. ..	561-3
5. Political Thought (Set Texts) .. ..	.. ..	588
6. The Politics and Government of the United Kingdom .. ..	.. ..	566-571, 598
7. Comparative Political Institutions .. ..	.. ..	575-9
8. One of the following:—		
(a) Political Philosophy .. ..	.. ..	589, 589(A), 589(B)
(b) Contemporary Political Thought .. ..	.. ..	590, 590(A), 590(B), 591
(c) The Politics and Government of a Foreign or Commonwealth Country .. ..	.. ..	3, 387, 580, 581, 583, 583(A), 584, 584(A), 585, 585(A)
VIII. Sociology .. ..	8	
1. Economics .. ..	.. ..	10, 20
2. Political Thought .. ..	.. ..	561-3
3. History:		
either (i) Economic History .. ..	.. ..	261
or (ii) Political History .. ..	.. ..	290, 306
4. Theory and Methods of Sociology .. ..	.. ..	831-2
5. Social Philosophy .. ..	.. ..	851, 853-4
6. Social Structure of Modern Britain .. ..	.. ..	843-4
7. Essay on a Sociological Subject .. ..	.. ..	—
8. One of the following:—		
(a) Demography I .. ..	.. ..	682-3
(b) Psychology .. ..	.. ..	700, 702-4, 707-9, 713
(c) Criminology .. ..	.. ..	364, 846-50
(d) Comparative Morals and Religion .. ..	.. ..	833, 833(A)
(e) Political Sociology .. ..	.. ..	838
IX. Statistics .. ..	8	
1. Either		
(a) Economic Principles .. ..	.. ..	11, 21, 102
or		
(b) Economics treated Mathematically .. ..	.. ..	15-16, 970-1, 974

Subject.	No. of Papers.	Reference Nos. of Courses.
2. Political Thought .. ..	.. ..	561-3
3. Mathematics B .. ..	.. ..	916-7
4. Probability, Distribution and Sampling Theory .. ..	.. ..	926, 930, 932,
5. Theory of Statistical Methods .. ..	.. ..	927, 931, 932(A), 932(B), 955
6 and 7. Two of the following:—		
(a) Actuarial Statistics .. ..	.. ..	956-8
(b) Demography II .. ..	.. ..	680, 681, 683-5
(c) Econometrics .. ..	.. ..	949-954, 970-1, 974
(d) either (i) Computer Programming and Numerical Analysis .. ..	.. ..	960-1, 962(A), 962(B)
or (ii) Management Mathematics .. ..	.. ..	965-7, 970-1
(e) Social Statistics and Survey Methodology .. ..	.. ..	946, 948-9, 955
(f) Mathematical Logic .. ..	.. ..	487, 487(A)
8. General Statistics .. ..	.. ..	940, 944-5, 947
and a practical examination on Papers 4-8 .. ..	.. ..	965, 970-1, 974
928-9		
X. Computational Methods .. ..	8	
1. Either		
(a) Economic Principles .. ..	.. ..	11, 21, 102
or		
(b) Economics treated Mathematically .. ..	.. ..	15-16, 970-1, 974
2. Political Thought .. ..	.. ..	561-3
3. Mathematics B .. ..	.. ..	916-7
4. Management Mathematics .. ..	.. ..	965-7, 970-1
5. Computer Programming and Numerical Analysis .. ..	.. ..	960-1, 962(a), 962(b)
6 and 7. Two of the following:—		
(a) Accounting—Management and Economic Aspects .. ..	.. ..	133-4, 136, 144
(b) Data Processing including Elements of Accounting .. ..	.. ..	133, 135, 144, 960-1, 964
(c) Probability, Distribution and Sampling Theory .. ..	.. ..	926, 930, 932
(d) Social Statistics and Survey Methodology .. ..	.. ..	946, 948-9, 955
(e) Elements of Statistical Theory and Methods <sup>1</sup> .. ..	.. ..	923-5(A)
(f) Mathematical Logic .. ..	.. ..	487, 487(A)
8. General Statistics .. ..	.. ..	940, 944-5, 947
and a practical examination on Papers 4-8 .. ..	.. ..	965, 970-1, 974
928-9, 963		
XI. International Relations .. ..	8	
1. Economics .. ..	.. ..	10, 20
2. Political Thought .. ..	.. ..	561-3
3. Either		
(a) History:		
either (i) Economic History .. ..	.. ..	261
or (ii) Political History .. ..	.. ..	290, 306
or		
(b) International Law <sup>2</sup> .. ..	.. ..	372-3, 406
4. International History, 1815-1945 .. ..	.. ..	292-3, 297, 309
5. International Relations .. ..	.. ..	502-5, 507, 525
6. International Institutions .. ..	.. ..	508, 508(A), 510
7 and 8. Two of the following:—		
(a) The Politics of International Economic Relations .. ..	.. ..	511, 511(A)
(b) International Law (if not taken under 3) .. ..	.. ..	372-3, 406
(c) International History (Special Period) .. ..	.. ..	301-2

<sup>1</sup> This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.

<sup>2</sup> This paper may not be taken by candidates who have taken Elements of International Law at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(d) The Problems of International Peace and Security ..		512-3, 517
(e) Philosophical and Psychological Aspects of International Affairs .. .. .		520-522(A)
(f) The Geographical and Strategic Aspects of International Affairs .. .. .		512-3, 518
(g) The Interplay between Politics at the Domestic and International Levels .. .. .		523, 523(A)
(h) Sociology of International Law .. .. .		524, 524(A)
(i) <i>Either</i>		
(i) Political Philosophy .. .. .	589, 589(A), 589(B)	
<i>or</i>		
(ii) Contemporary Political Thought .. .. .	590-591	
<i>or</i>		
(iii) An Approved Modern Foreign Language ..	462-472	
XII. <i>Social Anthropology</i> .. .. .	8	
1. Economics .. .. .		10, 20
2. <i>Either</i>		
(a) Political Thought .. .. .		561-3
<i>or</i>		
(b) Social Aspects of Political and Economic Development .. .. .		655-6
3. History:		
<i>either</i> (i) Economic History .. .. .		261
<i>or</i> (ii) Political History .. .. .		290, 306
4. General Principles of Cultural and Social Anthropology ..		641, 654-6
5. Economic and Political Systems .. .. .		641-2
6. Moral and Ritual Systems .. .. .		641, 645
7. Ethnography of a Special Area .. .. .		649-652
8. Development of Social Anthropology .. .. .		647
XIII. <i>International History</i> .. .. .	8	
1. Economics .. .. .		10, 20
2. Political Thought .. .. .		561-3
3. <i>One of the following:—</i>		
(a) Economic History .. .. .		261
(b) Structure of International Society II .. .. .		502, 503, 505
(c) International Law <sup>1</sup> .. .. .		372-3, 406
(d) An Approved Modern Foreign Language .. .. .		462-472
(e) Historical Geography .. .. .		188, 198, 238
(f) Economic Geography .. .. .		187, 193
4. International History, 1494-1815 .. .. .		291, 307
5. Diplomatic Relations of the Great Powers, 1815-1914 ..		292
6. International History, 1914-1945 .. .. .		293-7, 308
7. <i>One of the following:—</i>		
(a) The Old Foreign Office, 1815-1861 .. .. .		299
(b) The Great Powers and Egypt, 1882-1888 .. .. .		300
(c) The Manchurian Crisis, 1931-1933 .. .. .		301
(d) Anglo-German Naval Diplomacy, 1933-1939 ..		302
8. <i>One of the following:—</i>		
(a) International Institutions .. .. .	508, 508(A), 510	
(b) International Economic History, 1850-1945 <sup>2</sup> ..		303
(c) British-American-Russian Relations, 1815-1914 ..		298

<sup>1</sup> This paper may not be taken by candidates who have taken Elements of International Law at Part I.

<sup>2</sup> This paper may be taken only by candidates who do not offer Economic History under 3.

Subject.	No. of Papers.	Reference Nos. of Courses.
XIV. <i>Geography</i> .. .. .	8	
1. Economics .. .. .		10, 20
2. Political Thought <sup>1</sup> .. .. .		561-3
3. History:		
<i>either</i> (i) Economic History .. .. .		261
<i>or</i> (ii) Political History .. .. .		290, 306
4. Physical Geography .. .. .		191, 192, 197
5. Economic Geography .. .. .		187, 193
6. The British Isles .. .. .		189, 194
7. Europe .. .. .		190, 195
8. <i>One of the following:—</i>		
(a) Political Geography .. .. .		188, 199
(b) Historical Geography .. .. .		188, 198, 238
(c) Social Geography .. .. .		188, 200
(d) The Geography of an approved Region:—		
<i>Either</i>		
(i) North America .. .. .		188, 201
<i>or</i>		
(ii) Monsoon Asia .. .. .		188, 202
<i>or</i>		
(iii) Africa .. .. .		188, 203
<i>or</i>		
(iv) Latin America .. .. .		204
(e) Economics of Transport .. .. .		170-3

The Examiners shall be at liberty to test any candidate by means of oral questions.

There will be no reference in either Part of the Examination.

A candidate who has satisfied the Examiners at Part I of the Examination and who desires to proceed to Part II of the Examination with a special subject for which his Part I alternative subjects do not qualify him, may apply for permission to proceed to Part II of the Examination without being required to satisfy the Examiners in one or more additional Part I alternative subjects. Each application will be considered on its merits. If the application is refused and such a candidate is required to take one or more additional Part I alternative subjects, he must do so before entering for Part II.

### 3. Degree of Bachelor of Laws

The School co-operates with King's College and University College in providing a complete course for the degree of LL.B. and students registered at the School have access to all the necessary lectures wherever given. The qualifications for entry on the degree course are exactly the same as those for the B.Sc. (Econ.) degree (see page 188).

<sup>1</sup> In approved cases candidates may offer as an alternative to Political Thought an Approved Modern Foreign Language or Economic Statistics.

## INTERMEDIATE EXAMINATION

The Intermediate examination is held twice a year—in June and September. Students are required to enter for the Special Intermediate examination held in June. Entry to the General Intermediate examination in September is restricted to candidates who entered for the Special Intermediate examination held in the previous June but who were unable to sit for the whole or part of the examination, or who failed to satisfy the examiners and are granted special permission to re-enter.

A candidate who has been referred in one subject at the Special Intermediate examination may take the referred subject at the General Intermediate examination.

The required subjects of examination and the courses provided are shown in the following table:—

Subject.	No. of Papers.	Reference Nos. of Courses.
(a) Constitutional Law .. .. .	1	360, 395
(b) The English Legal System .. .. .	1	361, 396
(c) Elements of the Law of Contract .. .. .	1	362, 397
(d) either (i) History and outlines of Roman Private Law	1	—
or (ii) Introduction to Economic and Political Institutions (two papers chosen from the subjects set out below):	2	
(a) Economics		8, 18
and		
either (b) The Social and Economic History of England from 1760 .. .. .		262
or (c) Political History		289, 305
or (iii) Elements of French Civil Law .. .. .		—

**Note: Students registered at the School are required to take Introduction to Economic and Political Institutions for Paper (d).**

A candidate will not be permitted to enter for Part I of the Final LL.B. Examination until he has completed the whole of the Intermediate Examination including any subject in which he has been referred.

## FINAL EXAMINATION

The LL.B. degree examination is divided into two parts, and normally candidates must pass Part I before they enter for Part II.

The examination for both Part I and Part II is held once a year only, in June.

The marks obtained in Part I of the examination will be combined with those obtained in Part II for the purpose of the classification for Honours.

Candidates who have been referred in Part I of the examination are permitted to take the referred subject alone on two further occasions

only. On the first of such occasions he may be permitted to offer the referred subject with Part II of the examination.

A candidate who passes in his referred subject but fails in Part II will be credited with Part I of the examination.

A candidate who passes in Part II but fails in the referred subject, will be credited with Part II provided that he passes in the referred subject at the next examination when he will also be credited with Part I.

The required subjects of examination and the courses provided are shown in the following table:—

Subject.	No. of Papers.	Reference Nos. of Courses.
PART I		
I. Criminal Law or Indian Criminal Law .. .. .	1	363, 364, 398
II. Law of Tort .. .. .	1	365, 399
III. Law of Trusts .. .. .	1	366, 400
IV. One of the following:—		
(a) English Land Law .. .. .		367, 401
(b) Principles of the Law of Evidence .. .. .		369, 403
(c) English Administrative Law .. .. .	1	370, 404
(d) Muhammadan Law .. .. .		
(e) Hindu Law .. .. .		
PART II		
I. Jurisprudence and Legal Theory .. .. .	1	368, 402
II. Three of the following:—		
English Land Law (if not taken at Part I) .. .. .		367, 401
Principles of the Law of Evidence (if not taken at Part I) .. .. .		369, 403
English Administrative Law (if not taken at Part I) .. .. .		370, 404
Muhammadan Law (if not taken at Part I) .. .. .		—
Hindu Law (if not taken at Part I) .. .. .		—
Roman Law .. .. .		—
History of English Law .. .. .	3	371, 405
Public International Law .. .. .		372-3, 406
Conflict of Laws .. .. .		374, 407
Conveyancing .. .. .		—
Succession, Testate and Intestate .. .. .		375, 408
Mercantile Law .. .. .		376, 409
Industrial Law .. .. .		377, 410
Law of Domestic Relations .. .. .		378, 411

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see pages 205-7).

## 4. Degrees of Bachelor of Arts and Bachelor of Science

The School registers students for the B.A. degree with honours in Anthropology, Geography, History, Philosophy and Economics, or Sociology, for the B.Sc. (Special) degree with honours in Anthropology or Geography and for the B.Sc. degree with honours in Sociology. In

Anthropology, Geography and Sociology the courses and examinations for the B.Sc. degrees are identical with those for the B.A. degrees: the only difference lies in the entrance requirements. In the case of Geography the School co-operates with King's College in a joint school in which a full course is provided. In the case of the other subjects arrangements are made for students to attend such intercollegiate courses as may be necessary.

Applicants for admission to all these degree courses must satisfy the general entrance requirements of the University of London. In addition, candidates for B.A. or B.Sc. (Special) degree courses, must satisfy the appropriate "course requirements". Details of these requirements may be found in the Regulations Relating to University Entrance Requirements (see p. 139). Applications for admission from graduates of approved universities will be considered on their merits.

The approved course of study for the degree extends over three academic years.

### B.A. HONOURS IN ANTHROPOLOGY

#### B.Sc. (SPECIAL) ANTHROPOLOGY

The Examination will consist of eight papers, as follows:—

	Reference Nos. of Courses.
1. General Principles of Cultural and Social Anthropology	} 640-2, 645-7, 654, 831, 833, 833(A)
2. Economic and Political Systems .. .. .	
3. Moral and Ritual Systems .. .. .	
4. Ethnography of a Special Area .. .. .	} 649-652
5. The Evolution of Man .. .. .	
6. Racial Variation among Living Peoples .. .. .	} 655-6 and by intercollegiate arrangement
7. Archæological Study of the Development of Culture	
8. ONE of the following options:—	
General Linguistics .. .. .	
Technology .. .. .	
The Prehistoric Archæology of a Special Area ..	
Applied Anthropology (including Race Relations) Development of Social Anthropology (with special reference to Selected Texts) .. .. .	
Human Genetics .. .. .	
The Theory and Technique of Archæology ..	

There will also be practical examinations with reference to the papers on the Evolution of Man, Racial Variation among Living Peoples, and the Archæological Study of the Development of Culture and that on Technology if taken as an option.

### B.A. HONOURS IN GEOGRAPHY

#### B.Sc. (SPECIAL) GEOGRAPHY

The examination will consist of *either* NINE papers *or* EIGHT papers and an independent geographical study. The papers are as follows:—

Subject.	Reference Nos. of Courses.
1. Physical Geography .. .. .	207-11
2. Human Geography .. .. .	213-4, 218
3. Map Work .. .. .	212, 217
4. The British Isles .. .. .	215
5. Europe .. .. .	216, 230
6. The Advanced regional geography of <i>one</i> of the following:—	
(i) Africa .. .. .	203
(ii) Australia, New Zealand and Oceania .. .. .	—
(iii) Latin America .. .. .	204
(iv) Monsoon Asia .. .. .	202
(v) North America .. .. .	201
(vi) U.S.S.R. .. .. .	—
7 and 8. <i>Two</i> papers to be chosen from the following optional subjects:—	
(i) Mathematical Geography and Surveying .. .. .	231
(ii) Geomorphology .. .. .	220-1, 232
(iii) Meteorology and Climatology .. .. .	222, 233
(iv) Plant Geography .. .. .	223, 234
(v) Economic Geography .. .. .	224, 235-6
(vi) Historical Geography .. .. .	225, 237-8
(vii) History of Geographical Science and Discovery ..	239
(viii) Political Geography .. .. .	227, 240
(ix) Geography of Settlement .. .. .	228, 241-2
(x) Applied Geography .. .. .	243
9. <i>Either</i> an additional paper chosen from the list of optional subjects under sections 7 and 8 above; <i>or</i> an independent geographical study of an approved topic, not exceeding 5,000 words.	

Candidates will also be required to provide evidence of satisfactory work in the field and also in certain practical aspects of surveying and mapwork. There is a week's compulsory field-class, held in the Easter vacation, in each year of the course together with shorter field-classes held at weekends at various times during the session.

In addition, an examination in a subsidiary subject must be taken at the end of the second year.

### B.A. HONOURS IN HISTORY (MEDIÆVAL AND MODERN)

The subjects for examination and the appropriate courses are shown in the following table:—



Subject.	No. of Papers.	Reference Nos. of Courses.
1. English History down to the end of the 14th century	1	273, 325-6
2. English History from the beginning of the 15th century to the middle of the 18th century .. .. .	1	328, 329
3. English History from the middle of the 18th century .. .. .	1	330-1
4 and 5. Two of the following papers:—		
(a) European History from 400 to 1200 .. .. .	1	333
(b) European History from 1200 to 1500 .. .. .	1	332-3
(c) European History from 1500 to 1800 .. .. .	1	334
(d) European History from 1800 .. .. .	1	335
6. History of Political Ideas .. .. .	1	336-7, 564
7. An Optional Subject .. .. .	1	262-4, 291-5, 297, 336, 338-42, and others by inter-collegiate arrangements.
8. } A Special Subject .. .. .	2	343-5 and others by intercollegiate arrangements.
and 9. }		
10. Passages for translation into English .. .. .	1	

Note:—

The optional and special subjects are set out in the pamphlet *Regulations in the Faculty of Arts for Internal Students*. The School normally provides lectures and classes for the optional subjects of English Economic History; English Constitutional History; and Diplomatic History, 1814-1945, and seminars or classes for the special subjects of Florence during the Renaissance, 1464-1530; the Economy of England in the Fifteenth Century; and the Eastern Question, 1875-1881.

### B.A. HONOURS IN PHILOSOPHY AND ECONOMICS

The Examination will consist of nine papers, as follows:—

	Reference Nos. of Courses.
1. Modern Philosophy from Bacon and Descartes to Kant .. .. .	489, 490, 499
2. Epistemology and Metaphysics .. .. .	493, 493(A), 495-6
3. Logic and Methodology .. .. .	486-488(A)
4. Ethics .. .. .	491-2
5. Economic Principles .. .. .	9, 11, 14, 19, 21, 102
6. Problems of Applied Economics .. .. .	10, 49, 50
7. History of Economic Thought .. .. .	12, 22
8. Modern Economic History, c. 1850-1939 .. .. .	260
9. <i>Either</i> (a) an Essay .. .. .	—
or (b) The Philosophy of the Social Sciences with special reference to Economics .. .. .	494

The examiners shall be at liberty to test any candidates by means of oral questions.

### B.A. HONOURS IN SOCIOLOGY

Students who have obtained the B.Sc. (Econ.) degree with Sociology as the special subject in Part II will not be permitted to proceed to the B.A. Honours degree in Sociology.

Students registered in and after October 1963 will be required to take the revised regulations of the B.A. Honours in Sociology as set out below:—

#### Revised Regulations

The examination will consist of ten written papers on one of the following two options:—

	Subject.	Reference Nos. of Courses.
<i>Option A</i>		
1.	Theories and Methods of Sociology .. .. .	831, 834, 834(A), 856
2.	Statistical Methods in Social Investigation .. .. .	857, 922(a), 922(b), 946-7
3.	Comparative Social Institutions .. .. .	640
4.	Ethics and Social Philosophy .. .. .	851, 853, 855
5.	Social Psychology .. .. .	700-3, 707-8
6.	Economics .. .. .	9, 10, 19, 20
7.	<i>Either</i> (a) Social Structure of Modern Britain (2 papers) .. .. .	842-3
and	or (b) Græco-Roman Civilisation (2 papers) .. .. .	840, 840(A)
8. <sup>1</sup>	or (c) European Civilisation in the Middle Ages (2 papers) <sup>2</sup> .. .. .	
9.	Any two of the following:—	
and	(a) Social Structure and Social Change .. .. .	836
10.	(b) Social Policy and Social Administration .. .. .	720, 722
	(c) Comparative Morals and Religion .. .. .	833, 833(A)
	(d) Criminology .. .. .	364, 846-8
	(e) Demography .. .. .	682-3
	(f) Political Sociology .. .. .	838
	(g) Industrial Sociology .. .. .	—
<i>Option B</i>		
1.	Theories and Methods of Sociology .. .. .	831, 834, 834(A), 856
2.	Comparative Social Institutions .. .. .	640
3.	Ethics and Social Philosophy .. .. .	851, 853, 855
4.	Economics .. .. .	9, 10, 19, 20
5.	General Principles of Cultural and Social Anthropology .. .. .	640-2, 645, 654-6
6.	Economic and Political Systems .. .. .	
7.	Moral and Ritual Systems .. .. .	833, 833(A)
8.	Ethnography of a Special Area .. .. .	649-652
9.	Development of Social Anthropology (with special reference to selected texts) .. .. .	647
10.	<i>One</i> of the following:—	
	(a) Social Psychology .. .. .	700-4, 707-8
	(b) Demography .. .. .	682-3
	(c) Statistical Methods in Social Investigation .. .. .	857, 922(a), 922(b), 946, 947

<sup>1</sup> Some other society or group of societies may be offered as an alternative for papers 7 and 8 with the permission of the University.

<sup>2</sup> There will be no tuition at the School for this subject for students entering the School in or after October 1964. Tuition will be given for those students wishing to complete their study for the subject.

The examination will be divided into Part I and Part II. A candidate will be required to sit Part I at the end of the second year and Part II at the end of the third year, and to satisfy the examiners in both Parts. A candidate must satisfy the examiners in Part I before proceeding to Part II. A minimum period of one session must elapse before a candidate, successful in Part I, may present himself for Part II.

*Option A.* The Part I examination will consist of Economics, Statistical Methods of Social Investigation, and Ethics and Social Philosophy.

*Option B.* The Part I examination will consist of Economics, Ethics and Social Philosophy, and Statistical Methods of Social Investigation or Social Psychology or Demography.

The first examination for Part I, for both Options A and B, will be held in 1965 and the first examination for Part II, for both Options, will be in 1966.

### Old Regulations

For students registered *in or before October 1962*, the examination will consist of nine written papers on one of the following two options:—

Subject	Reference Nos. of Courses.
OPTION I	
1. Theories and Methods of Sociology .. .. .	856
2. Statistical Methods in Social Investigation .. .. .	922(C)
3. Comparative Social Institutions .. .. .	
4. Ethics and Social Philosophy .. .. .	855
5. Social Psychology .. .. .	704, 709, 713
6. <i>Either (a) Social Structure of Modern Britain (2 papers)</i> .. .. .	753, 845
and } <i>or (b) Græco-Roman Civilisation (2 papers)</i> .. .. .	
7. <i>or (c) European Civilisation in the Middle Ages (2 papers)</i> <sup>1</sup> .. .. .	839, 839A
8. .. .. .	
and } Any two of the following:—	
9. (a) Social Structure and Social Change .. .. .	836
(b) Social Policy and Social Administration .. .. .	
(c) Comparative Morals and Religion .. .. .	
(d) Criminology .. .. .	849, 850
(e) Demography .. .. .	683(A)
OPTION II	
1. Theories and Methods of Sociology .. .. .	856
2. Comparative Social Institutions .. .. .	839
3. Ethics and Social Philosophy .. .. .	855
4. General Principles of Cultural and Social Anthropology .. .. .	641-2, 645
5. Economic and Political Systems .. .. .	654-6
6. Moral and Ritual Systems .. .. .	
7. Ethnography of a Special Area .. .. .	649-52
8. Development of Social Anthropology (with special reference to selected texts) .. .. .	647
9. <i>One of the following:—</i>	
(a) Social Psychology .. .. .	704, 709, 713
(b) Demography .. .. .	683(A)
(c) Statistical Methods in Social Investigation .. .. .	922(C)

<sup>1</sup> Some other society or group of societies may be offered as an alternative for papers 6 and 7 with the permission of the University.

In addition to the above, candidates will be required to pass an examination at the end of the second year in a subsidiary subject, Economics. A candidate who fails in the subsidiary subject may be referred in that subject and permitted to re-enter for it on any subsequent occasion.

Students must be prepared to carry out some vacation work of a practical nature.

For the Old Regulations the last final examination will be held in 1965. Economics will be taken as a Subsidiary Subject to the B.A. Honours Degree in Sociology for the last time in 1964.

### 5. Degree of Bachelor of Science (Sociology)

This degree is identical except in title with the B.A. Honours in Sociology described above, but since it is awarded in the Faculty of Economics, the entry qualifications are the same as for the B.Sc. (Econ.) degree (see p. 188-9); i.e. there is no language requirement.

### Advantages and Concessions Granted to Holders of First Degrees in Professional Training

#### ACCOUNTING

##### Institute of Chartered Accountants

In order to qualify as a chartered accountant, a period in articles with a firm of chartered accountants is necessary. Holders of a first degree normally have this period reduced to three years. Full particulars may be obtained from the Secretary, Institute of Chartered Accountants in England and Wales, Moorgate Place, London, E.C.2.

Graduates who have taken an "approved degree" are entitled also to exemption from the Institute's intermediate examination. At the University of London, the course leading to the "approved degree" is the day course for the B.Sc. (Econ.) with the special subject of accounting. (The syllabus, etc. is on pp. [188-9] and [192-3]) Further information is given in the pamphlet "The Universities and the Accountancy Profession" issued on behalf of the Joint Standing Committee of the Universities and the Accountancy Profession (obtainable from the Institute and also from the Registrar of the School).

Experience has shown that foreign students often have much difficulty after graduation in getting articles with a firm of professional accountants in Britain. Such students would therefore be greatly helped if they could obtain an offer of articles from a suitable firm before beginning their studies.

## Association of Certified and Corporate Accountants

In order to qualify as a certified accountant, a three year period in articles with a practising accountant or three years approved accountancy experience in public or private employment is required.

Graduates who have taken the "approved degree" (see above) are entitled to exemption from the Association's intermediate examination.

Further information can be obtained from the Secretary of the Association, 22 Bedford Square, London, W.C.1.

## Institute of Cost and Works Accountants

B.Sc. (Econ.) graduates with the special subject of Accounting are entitled to exemption from the whole of the Intermediate Part I examination of the Institute of Cost and Works Accountants. If they have offered Business Administration for Paper 2 in Part II of the B.Sc. (Econ.) final examination, they may also claim exemption from Management—Factory and Distribution in Part A of the I.C.W.A. final examination.

B.Sc. (Econ.) graduates, irrespective of their special subject, are entitled to exemption from the following three subjects of the Intermediate examination:—

- Industrial Evolution and Management
- Economic Aspects of Industry and Trade
- Commercial Practice, Office Management and Business Methods

B.Sc. (Econ.) graduates who have offered Industry and Trade in Part II of the final examination are entitled to exemption from Management—Factory and Distribution in Part A of the final examination.

## LAW

## The Bar

The following exemptions from subjects of the first part of the Bar examination may be granted to persons who have passed<sup>1</sup> the Intermediate and Part I Examinations for the London LL.B.:—

- (a) from Constitutional Law on passing in the papers in Constitutional Law and the English Legal System at the Intermediate LL.B. examination;
- (b) from the Law of Contract and Tort on obtaining at least Second Class Honours standard in the Elements of Contract in the Intermediate examination and in Tort in Part I of the LL.B. Final examination;

<sup>1</sup> The appropriate examination must be passed on one occasion, i.e. a student must not be referred in any subject.

(c) from the Law of Real Property on obtaining at least Second Class Honours standard in this subject in Part I;

(d) from Criminal Law on obtaining at least Second Class Honours standard in this subject in Part I.

Alternatively, graduates with Second Class Honours in the LL.B. degree examination may apply for exemption from the papers (c) and (d) above provided they have taken these subjects at the LL.B. examination.

## The Profession of Solicitor

Candidates seeking to qualify as solicitors must serve under articles of clerkship to a practising solicitor and pass the Law Society's Examination. The normal period of articles is five years but for candidates who have taken a degree at an approved University the period is reduced to two and a half years. Any first degree of the University of London entitles the holder to this reduction.

It is also possible for graduates, who are wholly exempt from Part I of the Law Society's qualifying examination, to take Part II of the qualifying examination before entering into articles, in which event the period of articles is reduced to two years.

In most cases, Law graduates will qualify for exemption from all of Part I of the qualifying examination.

## THE ACTUARIAL PROFESSION

Students who have obtained the B.Sc. (Econ.) degree with Mathematics (1) (b) in Part I and Statistics in Part II with Demography II and Actuarial Statistics as optional subjects *may* be granted exemption from the Preliminary Examination in Mathematics and from certain papers in other parts of the examinations of the Institute of Actuaries, depending on the standards reached in the degree examination. Further particulars can be obtained from:—The Institute of Actuaries, Staple Inn Hall, High Holborn, London, W.C.1.

Students intending to enter the actuarial profession are advised to communicate with the Institute at an early stage in the degree course.

## REGULATIONS FOR ACADEMIC DIPLOMAS

The University of London grants the following diplomas, for which the School arranges full-time courses of study:—

- (1) The Academic Postgraduate Diploma in Anthropology.
- (2) The Academic Postgraduate Diploma in Law.
- (3) The Academic Postgraduate Diploma in Psychology.
- (4) The Academic Postgraduate Diploma in Public Administration.
- (5) The Academic Postgraduate Diploma in Statistics.

All diploma students are required to register as internal students of the University.

Except for certain exemptions, students are required to attend a course of study, approved for the purpose by the University, and normally extending over a period of two years for the Diplomas in Anthropology, Public Administration and Statistics, and one year for the Diplomas in Law and Psychology. Where courses of lectures are not provided at the School, they are arranged at other colleges of the University under intercollegiate arrangements.

All students should read the pamphlet *Regulations for Academic Diplomas*, which may be obtained from the Academic Registrar, University of London, Senate House, W.C.I.

### 1. The Academic Postgraduate Diploma in Anthropology

The diploma course is open to:—

- (a) Students of postgraduate standing whose undergraduate courses have in the opinion of the University included a suitable preliminary training.
- (b) Students who, though not graduates, have satisfied the University that their previous education and experience qualify them to rank on the same level as graduates approved under (a) for this purpose.

In the case of the following classes of candidates, who must be otherwise qualified to be registered as candidates for the Diploma:—

- (i) Senior Civil Servants who have spent at least two years in service overseas (e.g. working under engagements or agreements with

- the Governments of the Dominions, Government of India, Crown Colonies, Protectorates, or Mandated Territories) or Civil Servants of equivalent standing of other countries;
- (ii) at the discretion of the University on report by the Board of Studies in Anthropology, persons who have spent at least two years overseas holding positions which afforded them facilities for anthropological studies in the field;

the student will be required to attend an approved course of instruction at a School of the University during a substantial portion of three academic terms, which terms need not necessarily be consecutive. Otherwise the course of study extends over two sessions.

Candidates are required to take the following:—

1. One general paper designed to test the student's knowledge of the scope and methods of the main branches of Anthropology. Questions will be set on the following:—

- (a) Archaeology (Pre-history of the Old World);
- (b) Physical Anthropology (Racial criteria and types);
- (c) Technology;
- (d) Social Anthropology;
- (e) Linguistics (Social Aspects).

Candidates will be required to select questions from at least four of these sections. Those offering alternative 2 A (Social Anthropology) will be required to select from sections (a), (b), (c) or (e); those offering alternative 2 B (Physical Anthropology) will be required to select from sections (a), (c), (d) or (e).

Candidates who can show evidence of having received adequate previous academic training in various branches of Anthropology, may in exceptional cases be exempted from the General Paper. Such exemption may be granted by the University but not until the student has been registered for the Diploma for at least three terms.

2. Four special papers on either of the following branches of Anthropology:—

A. Social Anthropology (4 papers):—

- (i) Social Structure (including kinship, local, political and economic organisation).
- (ii) Religion and Magic, Education, Law.
- (iii) Ethnography of a Selected Region (selection of the region to be approved by the University).
- (iv) One of the following:—
  - (a) Technology;
  - (b) Elementary Linguistics (including phonetic notation and the structure of language);
  - (c) Applied Anthropology.

Original work in the form of a thesis may be submitted by any candidate, and if such work be approved by the University the candidate may be exempted from either one or both of papers (iii) and (iv). The subject of the original work must be submitted to the University for approval before 15 March.

- B. Physical Anthropology (4 papers):—
- (i) Comparative survey of the Primates, human palæontology;
  - (ii) Anatomical, physiological and genetic variations in man;
  - (iii) Racial classification of modern man, anthropometric methods;
  - (iv) One of the following:—
    - (a) Primitive Psychology (including mental measurements, intelligence and aptitude tests);
    - (b) Pre-historic Archæology;
    - (c) Racial theories and problems.

Original work in the form of a thesis may be submitted by any candidate, and if such work be approved by the University the candidate may be exempted from either one or both of papers (iii) and (iv). The subject of the original work must be submitted to the candidate's supervisor by 1 January.

At the discretion of the examiners there may be an oral or a practical examination in any subject, in addition to the written examination in that subject.

A student may either enter for the whole examination at the end of his two year's course, or, with the permission of his teachers, he may enter for the examination in the general paper (1) at the end of his first year, and (provided he satisfies the examiners in this paper) for examination in the special papers (2), or thesis, at the end of his second year.

A student who fails to pass in the general paper (1), taken at the end of his first year, may take this subject again, together with the other papers under 2 A or 2 B, or a thesis, respectively at the end of the second year.

The fee is £18 for each entry.

The examination is held once a year beginning on the second Monday in June. Any original work must be submitted not later than 15 May.

The following courses are provided for the diploma at the School: 640-7, 649-656, 831-3.

Enquiries about this diploma should be addressed to the Secretary of the Graduate School.

## 2. The Academic Postgraduate Diploma in Law

The course of study for the Diploma is open to graduates of this or another approved University whose undergraduate courses and/or previous experience have included an approved preliminary training in Law.

Before admission to the course a student must submit, for approval by the University, evidence of his qualifications.

Students are required to attend a course of study approved for the purpose by the University extending over not less than one session.

The course of study must, unless special exemption be obtained, be continuously pursued. Any interruption in a student's attendance, through illness or other exceptional circumstances, must be notified by the authorities of his College or School at the earliest opportunity to the Academic Registrar.

Each student before being admitted to the Examination will be required to produce a certificate signed by the Head of the College at which he is registered that he has satisfactorily pursued the prescribed course of training.

A candidate may obtain the Academic Postgraduate Diploma in Law, either (1) By passing at one and the same examination in *three* subjects, one selected from each of the Groups below:—

- I. English Legal Method, or, with the permission of the University, one of the subjects for the time being which can be offered for the Master of Laws Examination.
- II. *One* of the following:—
  - (a) General Principles of the Law of Contract and Tort.
  - (b) General Principles of Equity.
  - (c) Elements of British Public Law
- III. *One* of the following:—
  - (a) General Principles of the Law of Contract and Tort.
  - (b) General Principles of Equity.
  - (c) Elements of British Public Law
  - (d) Conflict of Laws.
  - (e) Comparative Law.
  - (f) Muhammadan Law.
  - (g) Hindu Law.
  - (h) Elements of International Economic Law.
  - (i) Law of International Institutions.
  - (j) Shipping Law.

No candidate shall be entitled to select a subject from Group III which he has also selected from Group II.

No candidate shall be entitled to take the Examination in Shipping Law unless he also takes the Examination in General Principles of the Law of Contract and Tort.

In each subject the Examination shall consist of one three-hour paper. The Examiners may, in addition, if they see fit, examine any candidate orally.

- or (2) By submitting a Dissertation, which must be written in English and must afford evidence of serious study by the candidate and of his ability to discuss a difficult problem critically.

The subject of the dissertation must be submitted for the approval of the University not later than 15 April for the next ensuing examination.

Candidates must forward two copies of the dissertation typewritten or printed and bound in the prescribed fashion and a short abstract (2 copies) of the dissertation comprising not more than 300 words, not later than 1 September.

Every student entering for this Examination must apply, through the Graduate Office, for an entry form which must be returned duly filled in with the certificate of course of study thereon attested in accordance with the Regulations, together with the proper fee, not later than 1 June.

The fee is £18 for each entry.

The examination is held once in each year beginning on the first Monday in September.

Enquiries about this Diploma should be addressed to the Secretary of the Graduate School.

### 3. The Academic Postgraduate Diploma in Psychology

The School offers courses of instruction leading to the examination only in one of the four sections of the diploma.

#### SECTION A, SOCIAL PSYCHOLOGY

The object of the diploma course is to afford facilities for instruction in the theory and practice of certain branches of applied psychology to suitable students who are intending to take up practical work in certain specific fields.

The course of study, which extends normally over one session in the case of full-time students, is open to:—

- (a) Students who have obtained a B.A. Honours or B.Sc. (Special) degree in Psychology in this University, or a joint Honours degree in Psychology and Philosophy in this University, or an equivalent degree in an approved University.
- (b) Students who have graduated in some other subject or subjects in this or another approved University, provided they have passed the qualifying examination in Psychology set by the University of London.

The subjects of the course are:—

1. Experimental and other methods of scientific enquiry in the laboratory and in the field.
2. The Psychology of Social Behaviour.
3. Concepts and methods of Sociology and Social Anthropology.

Candidates are required to take four papers of three hours each, three on sections (1) and (2), and one on section (3). Candidates must also present a dissertation on an approved subject and must carry out practical work during the course. Reports of this practical work must be submitted to the Academic Registrar not later than 15 June.

The examination for the diploma will take place once in each year, beginning on the first Monday in June.<sup>1</sup> Every student entering for this examination must apply, through the Graduate Office, for an entry form which must be returned duly filled in with a Certificate of Course of Study to the University by 15 April.

The fee is £15 for each entry.

Enquiries about this Diploma should be addressed to the Secretary of the Graduate School.

### 4. The Academic Postgraduate Diploma in Public Administration

This is a graduate diploma open to candidates who already hold a degree of an approved university or a technical or professional qualification of comparable value. It involves the study of the principles and methods of public administration, and of various related subjects. The purpose of the course is to equip the student with an understanding of the aims and methods of public administration and of the economic and social factors which underlie modern government.

The course of study for the diploma extends over two sessions and is open to persons who:—

- either (a) hold a degree in this or another approved University
- or (b) hold a technical or professional qualification approved by the University.

The subjects of the course are:—

	Reference Nos. of Courses.
Public Administration (two papers) .. .. .	560, 571-3, 596, 598, 612
and three of the following (one paper each):—	
Economics, with special reference to Public Finance .. .. .	8, 56-7
Social and Political Theory .. .. .	589
Statistics .. .. .	920, 940, 946, 947
Social Structure .. .. .	834
Constitutional and Administrative Law .. .. .	370, 386

In addition each candidate will be required to submit an essay on an approved subject relating to Public Administration.

<sup>1</sup> In 1965 only the examination will begin on Tuesday 8 June.

The examination consists of two three-hour papers in Public Administration and one three-hour paper in each of the three optional subjects chosen. In addition the candidate will also be required to submit an essay of approximately 5,000 to 10,000 words.

The examiners are at liberty to test any candidate by means of oral questions.

The examination is in two parts and candidates may either present themselves for Part I, consisting of Public Administration and one other subject, after not less than one year's course of study, or for the whole examination on one and the same occasion after not less than two years' course of study. A candidate who has passed Part I must pass Part II within not more than three years from the date of completing Part I.

Candidates will not be approved unless they have shown a competent knowledge in each of the four subjects and have satisfied the examiners in the essay. A candidate who enters for both parts of the examination at the same time and who fails to satisfy the examiners in one subject only may, on the recommendation of the examiners, be referred in that subject and be permitted to re-enter for examination in that subject alone, within not more than three years.

A candidate who enters for both parts of the examination at the same time and satisfies the examiners in Public Administration and one other subject may, on the recommendation of the examiners, be credited with those subjects as Part I of the examination; if he satisfies the examiners in two subjects other than Public Administration, he may be credited with those subjects as Part II of the examination. Such candidates must complete the examination within not more than three years.

The examination for the Academic Postgraduate Diploma in Public Administration will take place once each year beginning on the fourth Monday in June.

Every student entering for the whole or part of this examination must submit his entry form to the University not later than 15 April.

### 5. The Academic Postgraduate Diploma in Statistics

The diploma presents an opportunity to acquire a specialised qualification in Statistics to graduates with mathematical training who perhaps have not taken a first degree in Statistics. It is expected that a full-time student at the School would normally require two sessions to complete the necessary course of study for the diploma.

Lecture courses suitable for the diploma student are given at Birkbeck College, Imperial College and University College, as well as at the School itself, and the Calendars of these colleges should be consulted for details.

The course of study for the diploma is open to:—

- (a) Graduates of this University who possess one or more of the following qualifications:—
  - (i) B.A. Honours degree with First or Second Class Honours in Mathematics;
  - (ii) B.Sc. (Special) degree with First or Second Class Honours in Mathematics;
  - (iii) B.Sc. (General) degree with First or Second Class Honours including the subjects *Mathematics (Pure and Applied)* or *Pure Mathematics and Statistics*;
  - (iv) B.Sc. (Eng.) degree with First or Second Class Honours provided that a satisfactory standard is achieved in Mathematics;
  - (v) B.Sc. (Econ.) degree with First or Second Class Honours, with Mathematics at Part I.
- (b) Graduates of this and other Universities with qualifications which are approved by the University.
- (c) Other persons with qualifications which are deemed by the University to be equivalent.

The subjects of the courses are as follows:—

- (a) Statistical Analysis and Probability;
- (b) Advanced Statistical Theory;
- (c) Practical Applications of Statistical Theory to Observational Data.

The examination will consist of:—

#### Part I

- (i) Two papers (1 and 2) on Probability Theory and Statistical Theory and Methodology, to test basic theory and standard methods of analysis. Each paper will be of three hours' duration.
- (ii) A practical examination of not more than seven hours' duration in the application of Statistical Theory and Methodology to Observational and Experimental Data.

Candidates are advised to make themselves familiar with calculating-machines provided in the practical examination.

## Part II

*Either* Two papers (3 and 4) each of three hours' duration, of a more advanced or specialised character.

*Or* Paper 3 and an Essay.

Details of the subjects which may be offered for Papers 3 and 4 in Part II are set out in the *Regulations for Academic Diplomas* which is published by the University of London.

Every student entering for this examination must apply to the Academic Registrar for an entry form which must be returned to the University, duly filled up with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study, together with the proper fee, not later than 1 March.

The written and practical examinations will take place once in each year beginning on the third Monday in June. Essays may be submitted in the September subsequent to the completion of the course or in the following September.

The examination will normally be held at the School or Institution where the candidate has followed the course. For the practical examination candidates are permitted to bring any book or books they wish, including their own note-books.

Candidates must also produce satisfactory evidence in the form of practical note-books of their course work on the application of statistical theory applied to numerical problems, the whole being carried out on a systematic basis.

A student who takes both Parts of the examination on the same occasion and who passes Part I but fails Part II will be credited with Part I and may re-enter for Part II on a subsequent occasion; if he passes Part II but fails Part I he will not be credited with his result at Part II and will be required to re-enter for both Parts of the examination.

## REGULATIONS FOR DIPLOMAS AWARDED BY THE SCHOOL

The School awards the following diplomas:—

- (1) Diploma in Economic and Social Administration.
- (2) Diploma in Operational Research.
- (3) Diploma in Social Administration—
  - (a) One-year Course for Graduates.
  - (b) Two-year Course for Non-Graduates.
- (4) Diploma in Personnel Management.
- (5) Diploma in Applied Social Studies.
- (6) Diploma for Social Workers in Mental Health.

Candidates for any of these diplomas may register as associate students of the University, which, in the case of non-matriculated students, necessitates the payment of a registration fee of 10s. 6d.

### 1. Diploma in Economic and Social Administration

The London School of Economics and Political Science offers a course in Economic and Social Administration which has special reference to the needs of the "under-developed" countries.

The course, established initially with the aid of the Ford Foundation, is designed for men and women who work in the civil service, public corporations or suitable types of business in relatively low-income countries. One of the purposes of the course is to assist a student to stand outside the immediate circumstances of his own country and to consider general questions relating to economic, political and social development. He will be encouraged to examine the policies and administrative practices of Western countries, and to assess for himself their suitability for his own country's problems.

Though Western ideas, institutions and experience are drawn on extensively in the teaching, they are viewed in terms of their possible application to the problems of less developed countries. Use is made in seminars of the special knowledge and experience of members of the staff who have visited such areas. Opportunity may also be provided during the course for students to spend a short period in a central or local government department, or some other administrative agency in which they may be interested.



Members of the course will normally be university graduates who have had several years' experience of administrative work. Admission may also be offered, in special circumstances, to candidates otherwise well qualified who do not hold degrees, or to graduates who have had no practical experience but are taking up administrative appointments. A small number of students from Western countries may be admitted. The number of students to be admitted in any one year will, however, be limited.

The course covers one academic year and runs from late September until the beginning of July. The main subjects taught are economics, government and social administration; opportunities are provided for specialisation. The course is open both to candidates who have had previous training in these subjects and to those who have not.

Students with suitable academic and administrative backgrounds will be allowed to study two *instead* of three subjects, and to specialise in addition in some suitable field of inquiry to be selected in consultation with the tutors to the course. Those who satisfy the examiners will be awarded a Diploma by the School. Students whose earlier studies have been appropriate may be allowed to proceed after the Diploma examination to a further course of study for a higher degree.

Subjects will be studied in a series of special lectures and classes accompanied by an interdisciplinary seminar, but members of the course will also be encouraged to attend a variety of other lectures and seminars, selected to meet their particular needs. Examples of lecture courses which may be of particular interest are given on pp. 299-301 in Part III of the Calendar.

Applications for admission to the course should be sent to the Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2, by 30 April.

#### REGULATIONS

*(These regulations are under review)*

1. There shall be a Diploma in Economic and Social Administration which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the Diploma.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:—

- (a) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted;
- (b) *either* (i) he shall be a graduate of a university  
or (ii) he shall, in the opinion of the Tutors to the course, have practical experience or other qualifications of special relevance to the course.

and (c) he shall have had not less than two years' experience of administrative work, unless the Tutors to the course should waive this condition.

3. The prescribed course of study shall be of one academic year's duration.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year on dates to be determined by the Tutors to the course. There shall be three alternative methods of examination, namely:—

- (a) an examination by papers in the three main subjects of the course:—
  - (1) Economic Analysis and Policy
  - (2) Theory and Practice of Government
  - (3) Social Structure and Policy.
- (b) an examination consisting of two papers on any of the three main subjects, or some combination of them prescribed by the tutors, together with a (long essay or) dissertation on a specialized subject related to one or more of the three main subjects.
- (c) an examination paper including questions on all three main subjects, together with two long essays or dissertations on specialized subjects related to one or more of the main subjects.

5. The decision which method of examination shall be selected shall be taken by the Tutors to the course in consultation with the candidate, in the light of each candidate's academic background, administrative experience and interests. Method (c) shall not be selected save in exceptional circumstances.

6. In assessing a candidate's performance the examiners shall have regard to the essays or other work written by the candidate in the first two terms of the course.

7. The examiners may test any candidate by means of oral questions.

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

10. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.

11. Candidates who are unsuccessful in the examination as a whole shall receive a certificate of attendance, on which shall be recorded those parts of the examination, if any, in which they have passed.

12. A candidate who, for reasons which in the opinion of the Director are sufficient, fails to present himself for examination or who presents himself but fails to satisfy the examiners, may be a candidate for the whole of the examination on one, but not without the special permission of the examiners more than one, further occasion.

13. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

## 2. Diploma in Operational Research

The London School of Economics and Political Science offers to a limited number of selected students a two-year course of training in Operational Research and cognate techniques used in the conduct of business and public affairs. It will normally consist of a full-time course of instruction at the School extending over one academic year, together with a further year spent in practical work. In exceptional cases, a student who is considered on entry to the course to have suitable practical experience may be exempted from the year of practical work.

Each student will be required to take a written examination and to write a report on a specific piece of practical work which he has carried out.

Students who complete the course satisfactorily and satisfy the examiners will be eligible for the award of the School's Diploma in Operational Research. A mark of distinction may be awarded to students of exceptional merit.

The course is open to men and women who hold a university degree in any subject, but a knowledge of Mathematics, Statistics and Economics to the level of the Part I examination of the B.Sc. (Econ.) degree will be assumed. A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

The fee for the two-year course is £200 payable in advance. No separate registration or examination fees will be charged. Private students may apply for graduate bursaries described on p. 171.

Applications should be made on the appropriate application form and sent to the Registrar so as to reach him as early as possible and, in any case, not later than 1 May. A pamphlet containing further information about the syllabus of the examination can be obtained from the Registrar.

## REGULATIONS

1. There shall be a Diploma in Operational Research, which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the Diploma and have completed practical work and submitted a written report thereon as prescribed in these Regulations to the satisfaction of the Director of the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:—

- either* (i) he shall hold a university degree;  
*or* (ii) he shall hold an approved full practising professional qualification obtained by examination.

3. The prescribed course of study shall be of two academic years' duration. During one year, students will attend a course of academic instruction at the School. During the other, they will work in such industrial or other organisations as may be approved by the Director for the purpose. In exceptional cases the Director may exempt from the latter year of the course of study any candidate who, in his opinion, already has suitable practical experience.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year on dates to be determined by the Director. The examination shall comprise six papers as follows:—

- (i) Statistics.
- (ii) Stochastic Processes.
- (iii) Mathematical Programming.
- (iv) Planning and Control of Production and Inventories.
- (v) A group of subjects comprising:—
  - (a) Scientific Method.
  - (b) Industrial Psychology.
  - (c) Survey of Operational Research.
- (vi) A group of subjects comprising:—
  - (a) Industrial Economics.
  - (b) Management Accounting.
  - (c) Data Processing.

A candidate shall also be required to submit a written report on the practical work that he has undertaken. It must contain evidence to the satisfaction of the examiners that the candidate in the course of his practical work (or, if the candidate has been exempted by the Director from the year's practical work, in the course of acquiring the experience in virtue of which he was so exempted)

- (a) has gained suitable experience of day-to-day Operational Research work;
- (b) has initiated and carried out some independent Operational Research studies.

The report may be submitted at the time of the written examination, or not later than three calendar years after the last day thereof.

A candidate may present himself for examination either in the first or in the second year of his course.

5. The examiners may test any candidate by means of oral questions.

6. A mark of distinction shall be awarded to candidates who show exceptional merit.

7. The examination shall be conducted by such members of the staff of the London School of Economics and Political Science as may be designated as internal examiners in each year by the Director, together with one or more external examiners. An external examiner shall be a person appointed by the Academic Board who, at the time of the examination, is not a member of the staff of the School. He shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

8. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of five papers and the examiners do not consider his failure in the sixth to be serious they may, at their discretion, declare him to be referred in that paper.

9. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

10. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application supported by a medical certificate to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

11. A candidate who, for reasons which in the opinion of the Director are sufficient, fails to present himself for examination or who presents himself but fails to satisfy the examiners, may be a candidate for the whole of the examination on one, but not without the special permission of the examiners more than one, further occasion. If on that occasion a candidate is referred in one paper Regulation 8 shall apply to him.

### 3. Diplomas in Social Administration

The School offers courses of study for full-time day students leading to a Diploma in Social Administration. The courses are designed to give a broad general education in the social sciences. Students who wish to prepare themselves to work as professional social workers after this course of study normally proceed to a course of training leading to a professional qualification.

The teaching for the Diploma combines theoretical study of the social sciences and practical experience in the fields of social administration, social work and social research. The curriculum includes lectures and classes in Economic and Social History, Economics, Psychology, Sociology and Social Policy and Administration. Each student is assigned to a tutor who is responsible for the general supervision of his studies. For tutorials and classes the students are required to do regular written work.

Field work in both statutory and voluntary agencies is arranged with the aim both of helping the students to gain a better appreciation of social conditions and social problems and of giving them an introduction to the practice of social work. This is undertaken during vacations. No additional fees are charged for field work but students are expected to meet their own maintenance, fares, and other incidental expenses. No figure can be laid down for these expenses. In their own interests students are advised to gain some experience outside London and they must therefore be prepared for the additional expense which may be involved. Students who hold a local authority grant may apply for a supplementary grant to cover their practical work expenses.

#### Diploma for Graduate Students

The full-time course of training for the diploma for graduate students occupies one session. Students are required to undertake a minimum of twelve weeks' full-time field work, six weeks of which should be done before the beginning of the Michaelmas Term and six weeks during the Easter vacation.

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Social Policy and Administration .. .. .	1	720-3, 729(a), 729(b), 732, 730
The Economic and Social Background to Social Policy and Administration .. .. .	1	724
Psychology and Social Structure .. .. .	1	731, 834, 843

Students are required to pass in all of these subjects, and, in addition, they must reach the required standard in their field work.

Applicants for admission to the Diploma in Social Administration for graduate students must be graduates of a British university. They are exempt from the entrance examination but they may be called for an interview. Application forms can be obtained from the department of Social Science and Administration and should be completed and returned by 31 January preceding the session in which admission is desired, but applications will be considered up to 1 March if vacancies are available. Interviews are given in the Christmas vacation, however, for candidates who apply by the middle of November, and these candidates are informed of the results of their applications during January.

#### STUDENTS FROM OVERSEAS

Alternative lectures and classes are provided for graduates from overseas, who must have had practical experience or hold other qualifications which are of special relevance to the course. The length of field work will be the same as for British students, but it will be adapted to the students' special needs. Applications for this course must be received by 31 January from candidates overseas, or by 1 March from candidates in the United Kingdom.

#### REGULATIONS

1. There shall be a Diploma in Social Administration which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the diploma and have completed practical work as prescribed in these Regulations.

2. No person shall be admitted to the prescribed course of study for the diploma unless:—

(a) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted;  
and (b) he shall be a graduate of a university.

3. The prescribed course of study shall be of one academic year's duration.

4. There shall be an examination for the diploma, to be held in the Summer Term of each year on dates determined by the head of the department of Social Science and Administration, hereinafter referred to as the head of the department. The examination shall comprise the following papers:—

- (1) Social policy and administration.
- (2) The economic and social background to social policy and administration.
- (3) Psychology and Social Structure.

5. In each subject of the examination a separate paper shall be set for students from overseas.

6. The examination shall be conducted by such members of the staff of the department of Social Science and Administration as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of two papers and the examiners do not consider his failure in the third to be serious they may, at their discretion, declare him to be referred in that paper.

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. The examiners may test any candidate by means of oral questions.

10. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the diploma. The recommendation of the examiners shall be considered by the Academic Board.

11. A candidate who completes the course of study for the diploma but for reasons which, in the opinion of the head of the department, are sufficient, fails to present himself for examination, or who presents himself but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination

on two but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

12. Each candidate for the diploma shall be required to submit to the head of the department before the date on which he satisfies the examiners in the examination, or not later than two calendar years (or such further period as the head of the department may in a particular case permit) after that date, evidence to the satisfaction of the head of the department of his having completed practical work of such nature and such duration as may be prescribed by the head of the department.

### Diploma for Non-Graduate Students

The full-time course of training for the diploma for non-graduate students occupies two sessions. Students are required to undertake a minimum of sixteen weeks' full-time field work, and this is done during the vacations.

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Elements of Social Analysis .. .. .	1	834, 843, 846, 849, 947
Social Policy and Administration .. .. .	1	720-4, 729(a), 729(b), 730, 732
Psychology .. .. .	1	731 and others
Social Economics .. .. .	1	8, 58

Students are required to pass in all of these subjects, and, in addition, they must reach the required standard in their field work.

Applicants for admission to the course for the Diploma in Social Administration for non-graduate students must have attained the age of 20 by 1 October immediately preceding the opening of the session for which they seek admission, and they must have completed a period of employment or other suitable experience of approximately one year between leaving school and the date at which they wish to enter the department of Social Science and Administration. They must take an entrance examination for which there is a fee of £1, and those who reach the required standard in the examination may be called for an interview. If necessary arrangements can be made for the examination and the interview to take place overseas. Application forms can be obtained from the Department of Social Science and Administration and should be completed and returned by 31 January preceding the session in which admission is desired.

### STUDENTS FROM OVERSEAS

Alternative lectures and classes are provided, within the course for the two-year diploma, for students from overseas. While the subjects for examination are the same as above, the teaching of Economics and Social Administration will be focused on conditions in their own countries. The length of field work will be the same as for British students, but it will be adapted to the students' special needs.

### REGULATIONS

1. There shall be a Diploma in Social Administration which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the diploma and have completed practical work as prescribed in these Regulations.

2. No person shall be admitted to the prescribed course of study for the diploma unless:—

(a) he shall have attained the age of 20 years on or before 1 October of the calendar year in which he is admitted;

and (b) he shall, since leaving school, have completed to the satisfaction of the head of the department of Social Science and Administration (hereinafter in these Regulations referred to as the head of the department) a period of employment or other suitable experience of approximately one year's duration.

3. The prescribed course of study shall be of two academic years, duration.

4. There shall be an examination for the diploma, to be held in the Summer Term of each year on dates determined by the head of the department. The examination shall comprise the following papers:—

- (1) Elements of Social Analysis.
- (2) Social Policy and Administration.
- (3) Psychology.
- (4) Social Economics.

5. In each subject of the examination a separate paper shall be set for students from overseas.

6. The examination shall be conducted by such members of the staff of the department of Social Science and Administration as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who at the time of the examination is not a member of the staff of the

School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years but for three calendar years thereafter shall not again be eligible for appointment.

7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of three papers and the examiners do not consider his failure in the fourth to be serious they may, at their discretion, declare him to be referred in that paper.

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. The examiners may test any candidate by means of oral questions.

10. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the diploma. The recommendation of the examiners shall be considered by the Academic Board.

11. A candidate who fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

12. Each candidate for the diploma shall be required to submit to the head of the department before the date on which he satisfies the examiners in the examination, or not later than two calendar years (or such further period as the head of the department may in a particular case permit) after that date, evidence to the satisfaction of the head of the department of his having completed practical work of such nature and such duration as may be prescribed by the head of the department.

#### 4. Diploma in Personnel Management

The School offers a one-year course of study, beginning in October each year, for full-time day students intending to seek employment as Personnel Officers. Applicants should have either a degree or a social science diploma, or should have had considerable industrial or commercial experience. Those without a degree or diploma should be at least 24 years of age. They must take the entrance examination, for

which there is a fee of £1, and only those who reach the required standard will be called for interview. All applicants who are exempt from the entrance examination will be given an interview. Applicants from overseas must be university graduates or have a social science diploma, and they must also have had at least two years' experience of industrial or related work in their own country. They are normally required to take the entrance examination and if necessary arrangements can be made for the examination and the interview to take place overseas.

Any person (with the exception of overseas applicants) desiring to enter the School as a regular student must apply by 1 June preceding the session for which admission is desired, but if vacancies are available later applications from university graduates will be considered. Interviews will be given during the Easter Vacation, however, for candidates who apply by 31 January, and those who are not exempt from the entrance examination will take an examination early in March. A second entrance examination will be held at the end of June, followed by interviews in July.

Applicants from overseas—other than Indians—must apply by 1 January. Applicants in India must apply in the first instance by 1 January to the Secretary, Indian Institute of Personnel Management, Artistry House, 15 Park Street, Calcutta 16. Oversea applicants in the United Kingdom must apply direct to the School not later than 31 January, and they will take the entrance examination in March.

The course is designed to give students knowledge and understanding of the principles and problems of personnel management, both by theoretical study and by direct experience. For this purpose the School has been fortunate in the assistance received from companies and management organisations which makes it possible for students to obtain varied first hand experience, including practical training in a personnel department. An examination is held in the third term, and a diploma is awarded as evidence of satisfactory completion of the course.

Application forms and further particulars can be obtained from the Social Science Department, London School of Economics and Political Science, Houghton Street, London, W.C.2.

#### REGULATIONS

1. There shall be a Diploma in Personnel Management which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the Diploma.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:—

- (a) he is a graduate of a university  
 or (b) he holds a Certificate or Diploma in Social Science  
 or (c) he has attained the age of 24 years, and, having had considerable industrial or commercial experience, satisfies the examiners in the entrance examination for the course.

3. The prescribed course of study shall be of one academic year's duration.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year (on dates to be determined by the head of the department of Social Science and Administration). The examination shall comprise the following papers:—

- Part I: 1. The Economics and Organisation of Business Enterprise.  
 2. Industrial Relations and Industrial Law.  
 3. Industrial Psychology and Sociology.  
 4. Principles and Practice of Personnel Management.

Part II: An oral examination based on the report of an investigation undertaken by students during the year.

5. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director together with one or more external examiners. For the oral examination, an external examiner shall be appointed who, in addition to the appropriate academic qualifications, holds or has held a responsible position in personnel management in industry or commerce. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years but for three calendar years thereafter shall not again be eligible for appointment.

6. A candidate shall be required to satisfy the examiners in each paper of Part I and in Part II of the Examination; provided that a candidate who has reached the prescribed standard in three papers in Part I and in Part II may, if the examiners think fit, be declared by them to be referred in the remaining paper of Part I.

7. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard he shall be treated as having satisfied the examiners in the whole examination.

8. The examiners may recommend for an aegrotat any candidate who, having completed not less than two of the written papers and the oral examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be

qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

9. A candidate who completes the course of study for the Diploma but for reasons which, in the opinion of the head of the department, are sufficient, fails to present himself for examination, or who presents himself but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 7 shall apply to him.

### 5. Diploma in Applied Social Studies

The School offers a one-year course in social casework leading to a Diploma in Applied Social Studies. Candidates must already hold a degree, diploma or certificate in the social sciences.

The main subjects of study are human growth and development, social influences on behaviour, the principles and practice of social casework, law and social administration. Consideration is also given to deviations from normal patterns of living created by certain forms of ill health or defect (both physical and mental), by delinquency and by deprivation of family life.

Field work teaching undertaken in various social agencies forms an essential part of the course and is closely integrated with the theoretical part of the studies. Individual tuition is given in both the theoretical and field work parts of the course. The students normally have two field work placements of substantial duration. The second of these is in the field in which they intend to work after qualifying. The course is run in co-operation with the Institute of Almoners, the Central Training Council in Child Care and the Probation Advisory and Training Board (Home Office). Students also accepted by either the Central Training Council in Child Care or the Probation Advisory and Training Board are eligible for grant-aid in the normal way. Medical social work students who are not grant-aided by their local education authority may be considered for a bursary from the Ministry of Health. Students who undertake child care, probation or medical social work respectively in their second field work placement are, on successful completion of the course, recognised by the appropriate body as being qualified in that particular branch of social work, as well as in casework as such. They will also be able later to transfer from one branch to another after a short period of preparation for the new work. Applications are also welcomed from candidates who wish to train in Family Casework but not

necessarily to specialise in one of those branches already mentioned. Where necessary, grant-aid may be available from local education authorities for such candidates.

The closing date for applications is 31 January in the year in which admission is desired. Further particulars may be obtained from the Social Science Department, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2. Letters should be clearly marked "Applied Social Studies Course".

#### REGULATIONS

1. There shall be a Diploma in Applied Social Studies which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the Diploma and have completed field work as prescribed in these Regulations.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:—

(a) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted,

and (b) he holds a University Degree, Diploma or Certificate in the Social Sciences, approved for this purpose by the head of the department of Social Science and Administration.

3. The prescribed course of study shall be of one academic year's duration.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year on dates determined by the head of the department of Social Science and Administration, hereinafter referred to as the head of the department. The examination shall comprise the following papers:—

1. Human Behaviour and Casework
2. Social Administration and Casework.

5. In order to qualify for the award of the Diploma each candidate shall be required to complete field work of such nature, duration and standard as may be prescribed by the head of the department.

6. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in one of the two papers and the examiners do not consider his failure in the other to be serious they may, at their discretion, declare him to be referred in that paper.

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. The examiners may test any candidate by means of oral questions.

10. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

11. A candidate whose field work has reached the required standard and who completes the course of study for the Diploma but for reasons which, in the opinion of the head of the department, are sufficient fails to present himself for examination, or who presents himself but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

#### 6. Diploma for Social Workers in Mental Health

This course is designed for trained and experienced social workers, who wish to gain further understanding of the causes and treatment of personal difficulties and problems of behaviour in children and adults. It is a recognised qualification for psychiatric social work in child guidance clinics, psychiatric and general hospitals and local authority public health departments. There are also increasing opportunities for those with this qualification in the teaching and supervision of social work students.

The content of the lecture courses and seminars may be grouped under the headings of social casework, psychiatry and mental subnormality, psychology, child development, law and administration. Field work is carried out for three days a week throughout the course under the supervision of psychiatrists and psychiatric social workers, at selected child



guidance clinics and psychiatric hospitals. It is designed to give experience with both adults and children, and includes attendance at case discussions and clinical demonstrations, as well as the undertaking of case work for patients and their relatives attending the various training centres.

Individual tuition is given in both the theoretical and clinical parts of the course.

Students are admitted to the course only on the recommendation of a Selection Committee. This Committee takes into account personal suitability for the practice of psychiatric social work as well as educational qualifications, experience and age.

The minimum age for admission to the course is 22 years, but preference is given to those between 24 and 35. Applicants are expected to have had experience in employment as a social worker and also to hold a Degree or Certificate in the social sciences, or other educational qualifications appropriate to social work, supplemented by practical training.

Grants—Students who are not grant-aided by their local education authority may be considered for a bursary from the Ministry of Health.

The closing date for applications is 31 January in the year in which admission is desired. Further particulars may be obtained from the Social Science Department, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2. Letters should be clearly marked "Mental Health Course".

#### REGULATIONS

1. There shall be a Diploma in Mental Health which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the Diploma and have completed field work as prescribed in these Regulations.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:—

- either* (a) he shall have attained the age of 22 years on or before 1 October of the calendar year in which he is admitted;
- and (b) he holds a University Degree *or* a Diploma or Certificate in the Social Sciences;
- and (c) he has experience of social work or work of a similar nature;
- or* (d) he has attained the age of 25 years and has satisfied the head of the department of Social Science and Administration, hereinafter referred to as the head of the department, that he is adequately qualified:

- (i) by experience of social work or work of a similar nature,  
and (ii) by reason of having followed a systematic course of study in the Social Sciences.

3. The prescribed course of study shall be of one academic year's duration.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year on dates determined by the head of the department. The examination shall comprise the following papers:—

1. Mental Disorder.
2. Mental Health in Childhood and Adolescence.
3. Casework and Administration.
4. Current Psychological and Social Problems.

5. In order to qualify for the award of the Diploma each candidate shall be required to complete field work of such nature, duration and standard as may be prescribed by the head of the department.

6. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of three papers and the examiners do not consider his failure in the fourth to be serious they may, at their discretion, declare him to be referred in that paper.

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. The examiners may test any candidate by means of oral questions.

10. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

II. A candidate whose field work has reached the required standard and who completes the course of study for the Diploma but for reasons which, in the opinion of the head of the department, are sufficient fails to present himself for examination, or who presents himself but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

## THE GRADUATE SCHOOL AND REGULATIONS FOR HIGHER DEGREES

A major division of the School activities is constituted by the Graduate School. Unique facilities for graduate studies are provided by the close proximity of the London School of Economics to the centres of government, business and law, and by its ease of access to the British Museum and the Record Office which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the social sciences.

Over 1,000 students were registered in the Graduate School in session 1963-64. Special provision is made for them by way of attachment for individual supervision to appropriate teachers of the School, by advanced lectures, graduate seminars, individual library facilities and a Research Common Room.

The majority of the graduate students working at the School are registered for higher degrees of London University, but the School admits qualified applicants to do research under supervision for a stated period without working for a degree. This category includes students wishing to work in London as part of their course of study for a higher degree of other universities. But a substantial number of members of universities all over the world, who come to London on sabbatical leave, or as holders of research grants or scholarships, are admitted to the School in this category. They are thus able to attend lectures and seminars, use the special library facilities for graduates, meet teachers in their field of interest for discussion of their research, and become members of the Graduate Common Room. Such students are registered under the Research Fee. For fees and for tuition fees for higher degrees see the section on fees (see pp. 146-9).

The appropriate lectures and seminars, even where specially reserved for graduate students, are to be found in the general lecture list in Part III of the Calendar, so far as they have been arranged in advance. Similarly, the section on the Library includes the special facilities and privileges of research students as well as those they enjoy in common with other students. (See particularly, pp. 276-280).

A separate pamphlet, *The Graduate School*, issued each session, is obtainable by post on request. A copy should be obtained from the Office of the Graduate School by students applying personally for post-graduate registration. It contains a fuller description of graduate

facilities, procedure on registration, the main regulations for internal higher degrees of the University of London open to students at the School, notes on library and social facilities and the details (abstracted from this Calendar) of advanced lectures and seminars reserved, or regarded as specially appropriate, for graduate students.

Enquiries about admission to the Graduate School by post should be addressed to the Secretary of the Graduate School. Applicants enquiring in person should call at the Office of the Graduate School. All applications are considered by the Graduate School Committee who assign those who can be accepted to the appropriate member of the teaching staff for personal supervision of their research and direction of their studies. Applications from abroad for October entrance must reach the School by 1 February on the prescribed form and fully documented. As preliminary correspondence is usually necessary, applicants are advised to make first enquiries well in advance.

For all further particulars on facilities and procedure students are referred to the pamphlet *The Graduate School*.

### Higher Degrees

Candidates for internal higher degrees of the University of London who are **not** London graduates must first be accepted by one of the colleges of the University. Internal London graduates can register for Internal Higher Degrees either as non-collegiate students direct with the University, or at one of the colleges if accepted. At the School acceptance is through the Graduate School Committee, which makes its recommendation to the University. The fact that a student has satisfied the general requirements of the University of London does not mean that he will automatically obtain a place at the School. Since its accommodation is limited the School can accept only a small proportion of those who apply. Candidates are usually expected to have reached a standard well above the pass mark in their degree examinations. The School reserves the right to call any student for personal interview and may also specify conditions over and above the requirements of the University regulations with which a student must comply before admission. Candidates may also be asked to take a qualifying examination. When the candidate is finally accepted by the University, he receives a copy of the full University regulations of the relevant degree. *These alone are authoritative and should be carefully retained and consulted.* Till then he can consult a copy at the Office of the Graduate School, but the School is unable to distribute copies to students. There is given below only a selection of the regulations for those higher degrees for which candidates are most commonly registered at the School, together with a note on certain others.

### THE HIGHER DOCTORATES

The School does not register candidates for higher doctorates. For the D.Sc. (Econ.) and D.Lit. published work alone can be considered by the examiners. Only London graduates are eligible. Applicants should communicate directly with the Academic or External Registrar of the University of London as to the conditions and regulations.

### EXTERNAL HIGHER DEGREES

Only *graduates of London University* (whether internal or external) may proceed to *external* higher degrees of the University. It is most unusual for candidates for external higher degrees to be registered at the School but the Graduate School Committee may in special cases occasionally consider such applications. Candidates so accepted must conform to the appropriate School regulations and, while registered, pay the same tuition fees as candidates for internal degrees.

### Regulations for Higher Degrees of the University of London

Candidates are directly responsible for knowing and observing University regulations, but deal with the University through the Office of the Graduate School. Only the actual registration (see paragraph 2, below), the final submission of examination entry-forms and theses, and detailed arrangements for their examination are conducted directly between the candidate and the University. Instructions on these points are given at the appropriate times.

### REGULATIONS COMMON TO THE PH.D. AND MASTER'S DEGREES

1. Applications for registration submitted to the University later than three months after the date on which the course was begun must be accompanied by a statement from the head of the college, school or institution in explanation of the delay. Retrospective registration will be allowed in appropriate circumstances and where a student has already been registered in the Graduate School. A whole-time student may be granted retrospective registration for not more than four terms and a part-time student for not more than seven terms.

2. A candidate whose application has been acceded to must register with the University without delay. Only in special circumstances will such a student be permitted to defer completing registration for more than three months from the date on which he was notified that his application for registration was approved.

No fee is required for registration as a graduate student in the case of a graduate of this University.

The fee for registration in the case of a graduate student who is not a graduate of this University is £8, unless he has already matriculated, or obtained exemption from the Matriculation Examination of London University, when it will be £5.

3. If a student does not begin his course of study in the University within one calendar year from the date of the approval of his application for registration the approval of his application will lapse and he must apply again to the University for registration if he still desires to proceed to a higher degree.

4. The fee payable on entry for a qualifying examination is:—

£10 for a special examination, £5 for one paper of an existing examination, or £10 for more than one paper of an existing examination. (Where the candidate has to take a University examination he must forward an entry form by the date prescribed in the regulations for the relevant examination. Otherwise he must forward it on the date notified to him by the University.)

5. If a student fails to pass the qualifying examination prescribed in his case at his first entry therefor, he will not be permitted to proceed with his course or to enter again for the qualifying examination without the permission of the University.

6. It is essential that the student, whilst pursuing his course of study as an internal student, should be prepared to attend personally for study in a college, school or institution of the University during the ordinary terms at such time or times as his supervising teacher may require.

7. If the material for the work of a student exists elsewhere, the student may under proper conditions be allowed leave of absence, if such absence does not exceed two terms out of a total of six, or more and provided that neither of these two terms is the first or the last of the course.

8. The greater portion of the work submitted as a thesis for a degree must have been done since the student was registered as an internal student of the University.

9. All theses must be written in English and every candidate will be required to forward to the University the required number of copies of his thesis and of a short abstract thereof comprising not more than 300 words. The abstract should be bound with each copy of the thesis submitted to the University.

10. A candidate will not be permitted to submit as his thesis a thesis for which a degree has been conferred on him in this or any other university, but a candidate shall not be precluded from incorporating work which he has already submitted for a degree in this or any other university in a

thesis covering a wider field, provided that he shall indicate on his entry form and also in his thesis any work which has been so incorporated.

11. A student submitting a thesis in typescript will be required to supply, at the time of the examination, two of the required copies of his thesis (*one* of which must be the typescript itself, *not* a carbon copy) bound in accordance with the following specification:—

Size of paper, quarto approximately 10 inches by 8 inches, except for drawings and maps on which no restriction is placed. A margin of 1½ inches to be left on the left-hand side. Bound in a standardised form as follows:—Art vellum or cloth; overcast; edges uncut; lettered boldly up back in gold (¼ inch to ½ inch letters), DEGREE, DATE, NAME; short title written or printed neatly and legibly on the front cover.

[The name and address of a firm of bookbinders in London, who will bind theses to this specification may be obtained from the Academic Registrar, University of London, Senate House, W.C.1.]

12. A student who fails to pass the higher degree examination will be required on re-entry for the examination to comply with the regulations in force at the time of his re-entry.

### The Degree of Doctor of Philosophy

(See also the section above on common regulations)

1. The standard of the Ph.D. degree is definitely higher than that of the M.A. and M.Sc. degrees in the same subject.

2. The following are eligible to apply for registration for a Ph.D. Degree:—

- (i) A graduate of this University;
- (ii) A candidate who has obtained a degree in another University;
- (iii) A candidate who has obtained an approved diploma in certain approved educational institutions of university rank.

Applications for registration for Higher Degrees awarded on results of research, will also be considered from a School or Institute of the University or an Institution with Recognized Teachers, in certain Faculties on behalf of candidates who have obtained qualifications by written examination of the standard of the University degree, and whose general education and training can be regarded as suitable preparation for research work.

3. A candidate for the Ph.D. degree must, before registration, comply with the following requirements unless exempted therefrom in special cases:—

- (i) He must produce a certificate from the governing body of a college or school of the University, or from a teacher or teachers of the University, stating that the candidate is in their opinion a fit person

to undertake a course of study or research with a view to the Ph.D. degree, and that the college, school or teacher is willing to undertake the responsibility of supervising the work of the candidate, and of reporting to the Senate at the end of the course of study whether the candidate has pursued to the satisfaction of his teacher or teachers the course of study prescribed in his case. (*N.B.—Students accepted at the School as internal candidates for the Ph.D. degree should simply complete the University form sent them and return it to the Office of the Graduate School who will see to the fulfilment of this regulation.*)

(ii) He must produce through the School evidence satisfactory to the University of the standard he has already attained and of his ability to profit by the course. If the evidence first submitted is not satisfactory, the candidate may be required to undergo any qualifying conditions as may be prescribed by the University, and must do so before his registration begins.

(iii) In the Faculties of Arts, Science or Economics, he must possess qualifications not inferior to those required before proceeding to the M.A. or M.Sc. or M.Sc. (Econ.) Degree, in the same branch.

(iv) In the Faculty of Laws, he must either have obtained the LL.B. with First Class Honours or the LL.M. of London University or a degree of another university, assessed by London University as equivalent to one of these. In exceptional cases exemptions from these requirements may be granted.

4. A candidate for the Ph.D. degree who desires to proceed instead to the Master's degree must apply through the authorities of his college, school or institution for permission to do so. The amount of the further course of study, if any, which he will be required to pursue for the Master's degree will be prescribed in each case by the University. On registering for the Master's Degree, his Ph.D. registration will lapse.

#### COURSES OF STUDY

5. Every candidate must pursue as an internal student:—

(a) a course of not less than two academic years (in the Faculties of Engineering and Science two calendar years) of full-time training in research and research methods, or

(b) a part-time course of training in research and research methods of not less than two and not more than four academic years as may be prescribed in each individual case by the Academic Council.

*N.B.—Students registering for the Ph.D. degree at any time other than the beginning of a session will be required to pursue a full-time course of not less than two calendar years, or a part-time course of not less than two and not more than four calendar years.*

6. A Research Student engaged in teaching work in a School of the University or elsewhere may be accepted as a full-time student, provided that the total demand made on his time, including any preparation which may be required, does not exceed six hours a week.

7. The course must be pursued continuously, except by special permission of the Senate.

8. Not later than one calendar year before the date when he proposes to enter for the examination the student must submit the subject of his thesis for approval by the University. The University will at the time of the approval of the subject of a thesis inform the candidate of the faculty within whose purview the thesis will be deemed to fall. After the subject of the thesis has been approved it may not be changed except with the permission of the University.

Except with the special permission of the Academic Council an Internal student will not be permitted to register concurrently for more than one degree, diploma or certificate, nor for any combination of these awards. No student who is registered as an External student may be registered concurrently as an Internal student.

#### THESIS

9. After completing his course of study every candidate must submit a thesis which must comply with the following conditions:—

(a) The greater portion of the work submitted therein must have been done subsequently to the registration of the student as a candidate for the Ph.D. degree.

(b) It must form a distinct contribution to the knowledge of the subject and afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical power.

(c) It must be written in English and be satisfactory as regards literary presentation, and if not already published in an approved form, must be suitable for publication, either as submitted or in an abridged form. Theses for the Ph.D. degrees in Anthropology, Geography and Philosophy and in the Faculty of Economics should not exceed 75,000 words in length, unless permission to exceed this limit has been granted by the University.

(d) In the field of History no thesis shall exceed 100,000 words in length (inclusive of footnotes and appendices, but exclusive of bibliography). This Regulation does not apply to additions of a text or texts. A candidate wishing to exceed the prescribed limit may apply for permission to the University through his supervisor, such application being made at least six months before the presentation of the thesis.

10. The thesis must consist of the candidate's own account of his research. It may describe work done in conjunction with the teacher

who has supervised the work provided that the candidate clearly states his personal share in the investigation, and that this statement is certified by the teacher. In no case will a paper written or published in the joint names of two or more persons be accepted as a thesis. Work done conjointly with persons other than the candidate's teacher will be accepted as a thesis in special cases only.

11. The candidate must indicate how far the thesis embodies the result of his own research or observation, and in what respects his investigations appear to him to advance the study of his subject.

#### ENTRY FOR EXAMINATION

12. Every candidate must apply to the Office of the Graduate School for a form of entry, which when completed and countersigned by the School authorities must be sent to the University together with the proper fee not earlier than six months and not later than two months before the submission of the thesis.

13. Every candidate must produce a certificate from the authorities of his College or School stating that he has studied to their satisfaction for the prescribed period. The certificate must be submitted before, or at the same time as the thesis is submitted. The thesis may be submitted on or after the first day of the month following that in which the prescribed course of study is completed. A candidate who is required to pursue a course of study extending over a specified number of academic years will be permitted to submit his thesis on or after 1 June of the relevant year.

A candidate who will not be ready to submit his thesis at the end of the prescribed course may defer submission of the form of entry up to one calendar year from the completion of his course. A candidate who does not submit his form of entry within one calendar year must apply again to the University for admission to the examination if he still desires to proceed to the degree.

If a candidate has not submitted his thesis for examination eighteen months after submission of the form of entry for the examination, his entry will be cancelled and the fee refunded less £4.

A candidate registered for the Ph.D. degree will be required to submit three copies of his thesis. In the Faculty of Arts or Science he is required to bring an additional copy to the oral examination adequately bound and paged in the same way as the three copies submitted to the University.

14. The candidate is also invited to submit as subsidiary matter in support of his candidature any printed contribution or contributions to the advancement of his subject which he may have published independently or conjointly. In the event of a candidate submitting such subsidiary matter he will be required to state fully his own share in any conjoint work.

#### EXAMINATIONS

15. After the examiners have read the thesis they may, if they think fit and without further test, recommend that the candidate be rejected.

16. If the thesis is adequate the examiners shall examine the candidate orally and at their discretion by printed papers or practical examinations or by both methods on the subject of the thesis and, if they see fit, on subjects relevant thereto; provided that a candidate for the Ph.D. degree in the Faculty of Arts who has obtained the degree of M.A. in the same subject in this University shall in any case be exempted from a written examination.

17. If the thesis is adequate but the candidate fails to satisfy the examiners at the oral, practical or written examination held in connection therewith, the examiners may recommend to the Senate that the candidate be permitted to re-present the same thesis and submit to a further oral, practical or written examination within a period not exceeding eighteen months specified by them. The fee payable on re-entry to the Ph.D. Examination by any referred candidate shall be half the normal entry fee.

18. If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may recommend to the Senate that the candidate be permitted to re-present his thesis in a revised form within eighteen months from the decision of the Senate with regard thereto and the fee on re-entry, if the Senate adopt such recommendation, shall be half the normal entry fee. Examiners shall not, however, make such recommendation without submitting the candidate to an oral examination.

19. For the purposes of the oral, practical or written examination held in connection with his thesis the candidate will be required to present himself at such place as the University may direct and upon such day or days as shall be notified to him.

20. Work approved for the degree of Ph.D. and subsequently published must contain a reference, either on the title page or in the preface, to the fact that the work has been approved by the University for the award of the degree.

#### Master's Degrees

#### GENERAL NOTE ON REGULATIONS FOR MASTER'S DEGREES

(See also section on Common Regulations)

(1) A student is required to register before proceeding to a Master's degree as an Internal Student.

(2) The following are eligible to apply for registration to the School for a Master's degree:

- (i) A graduate of London University who has obtained his first degree either as an Internal or External Student (London graduates who are not admitted to the School should note that they are entitled to register with the University as non-collegiate students, not attached to any college.);
- (ii) A person who has obtained a degree in another University;
- (iii) A person who has obtained an approved diploma in certain approved educational institutions of University rank.

(3) A student is required, when applying for registration to submit evidence of his qualification to proceed to a Master's degree in the subject and the Faculty which he has selected.

(4) Except by special permission of the Senate, a candidate who holds a degree of London University in a subject which falls within the purview of two or more Faculties will be required to proceed to a Master's degree in the Faculty corresponding to that in which he has taken a first degree.

(5) A graduate of London University who has obtained his first degree as an Internal Student is not required to follow any approved course of study for a Master's degree unless he wishes to proceed to a Master's degree in a different Faculty from that in which he obtained his first degree or in certain specified subjects, which include Economics.

(6) A graduate of London University who has obtained his first degree as an External Student or any person referred to in paragraphs 2 (ii) and 2 (iii) is required to follow an approved course of study in a College or School of the University if he wishes to register for an internal higher degree.

(7) A student required to follow an approved course of study, if admitted to the School, must apply for registration on the prescribed form through the Office of the Graduate School. A student NOT required to follow an approved course must also apply for registration through the Office of the Graduate School *if* he is accepted for registration at the School.

(8) Students required to enter for a special examination or for the whole or a part of an examination for a lower degree as a qualification for admission to the examination for a Master's degree, will generally be required to pass such qualifying examination at least one year before entry to the examination for the Master's degree. The lower degree, however, will not be granted to such persons.

(9) A candidate registered for the Master's degree by dissertation who subsequently desires to proceed instead to the Ph.D. degree must apply through the authorities of his college, school or institution for permission to do so. A full-time student may be granted retrospective registration for another degree in respect of four terms, and a part-time student in respect of seven terms, of his previous course of study.

(10) A student registered for a Master's degree and required to pursue an approved course of study must, when he applies to be examined for the degree (by completing an entry form obtainable from the Office of the Graduate School), produce a certificate from the authorities of the School stating that he has studied to their satisfaction for the minimum period prescribed by the University.

(11) A student registered for a Master's degree, but not required to pursue an approved course of study may apply to be examined for the degree (by completing an entry form) normally not less than one year after the date of his registration.

(12) A student will not be permitted to publish his thesis *as a thesis approved for the Master's degree* without the special permission of the University.

#### THE DEGREE OF MASTER OF SCIENCE IN ECONOMICS (M.Sc. Econ.)

Candidates for a Master of Science (Economics) Degree will be admitted to take:

- either* A Master's Degree by Examination after a course of study extending over not less than *one* Academic or calendar year.
- or* A Master's Degree by Examination or Dissertation after a course of study extending over not less than *two* academic years.

#### Master of Science, by Examination

The Degree of Master of Science (Economics), by Examination is awarded in the following fields of study:

Accounting	International History	Politics
Economics	International Law	Social Administration
Economic History	International Relations	Social Anthropology
Geography	Operational Research	Sociology
Industrial Relations	Philosophy	Statistics

#### Qualifications for Admission

A graduate of the University of London who, either as an Internal or as an External candidate, has been placed in the *First or Second Class* of the

B.Sc. (Econ.) examination, or of the B.A. Honours Examination in Anthropology, Geography, History, Mathematics, Philosophy, Philosophy and Economics, Philosophy and Psychology, Sociology, or of the B.Sc. (Special) examination in Anthropology, Geography, Mathematics, Psychology, Statistics, or of the B.Sc. (Soc.) examination or of the LL.B. examination, or a graduate of another university recognised by the University of London who has similar qualifications may be admitted to the M.Sc. examination in an appropriate field of study after a course of study as an Internal student extending over not less than *one* academic year.

A candidate whose initial qualification in the field of study he wishes to pursue is held to be insufficient or one whose initial qualification is a degree other than those specified above may be required, either before or after registration, to pass a qualifying examination and to pursue a course of study in preparation for it.

### The Examination

The Examination in each branch of study will take place once a year, either in the third week of June or in the third week of September.<sup>1</sup> It will consist of written papers, where appropriate a test of practical work or an essay written during the course of study, and, at the discretion of the Examiners, an oral examination.

Each candidate must apply to the Academic Registrar for a form of entry, which must be returned, duly filled up, together with the appropriate fee. Details concerning the dates of entry for the examination are to be announced later.

A list of candidates for the M.Sc. Examination who have satisfied the examiners, arranged in alphabetical order, will be published by the Academic Registrar. A mark of distinction will be placed against the names of those candidates who show superior merit.

A diploma for the M.Sc. (Econ.) Degree, under the Seal of the University, will be delivered to each successful candidate, after the report of the examiners shall have been approved by the Senate.

### Subjects of Study

The following is a list, arranged under branches of study, of the subjects which may be offered. Where special approval is required it must be sought at the beginning of the course of study.

<sup>1</sup> In the following branches of study the examination will take place in June: Accounting, Economics, Industrial Relations, International Law, International Relations, Operational Research, Philosophy, Social Administration, Social Anthropology, Statistics. In the following branches of study the examination will take place in September: Economic History (Modern), Geography, International History, Politics, Sociology.

### Accounting—

The examination will consist of four papers.  
Accounting and Financial Control

### Economics—

Candidates will be required to choose *one* of the following subjects:

#### 1. Economics

The examination will consist of four papers as follows:

- (i) Economic Theory.
- (ii) Methods of Economic Investigation.
- (iii) *One* of the following branches (2 papers):
  - (a) Advanced Economic Theory.
  - (b) History of Economic Thought.
  - (c) International Economics.
  - (d) Labour Economics.
  - (e) Monetary Economics.
  - (f) Economics of Public Enterprise.
  - (g) Economics of Transport.
  - (h) Public Finance.
  - (i) Economics of Industry.
  - (j) Business Administration.
  - (k) Business Finance.
  - (l) Economics of poor countries and their development.
  - (m) Agricultural Economics.
  - (n) Economic problems of a particular region.
  - (o) Any other approved branch.

#### 2. Economics and Econometrics.

The examination will consist of three papers and a record of practical work done during the course.

- (i) Quantitative Economics (2 Papers).
- (ii) *One* of the following branches.
  - (a) Advanced Economic Analysis.
  - (b) Econometrics.
  - (c) Economic Statistics.
  - (d) Mathematical Programming.
  - (e) Any other approved subject.

3. In exceptional circumstances a candidate's application to take four papers in any one of the branches of Economics specified under 1 (iii) may be approved.

### Economic History—

The examination will consist of three papers and an essay written during the course of study.

- (i) The sources and historiography of Economic History in *two* of the following periods (2 papers):
  - (a) England, 1380–1530.
  - (b) England in the Seventeenth Century.
  - (c) Britain, 1783–1850.
  - (d) Britain, 1900–1950.
  - (e) USA, 1890–1929.
- (ii) An Essay of about 10,000 words on an approved topic relating to one of the candidate's chosen periods.
- (iii) *One* of the following:
  - (a) Economic Growth historically considered.
  - (b) Social Structure and Social Change.
  - (c) Economic and Social Thought in *one* of the periods specified in (i).
  - (d) The History of Science and Technology in Western Europe in one of the following periods 1500–1750 or 1750–1900.



*Geography—*

The examination will consist of four papers as follows:

- (i) Modern Geographical Thought and Practice.
- (ii) *One* (or in special cases) *two* of the following branches (3 papers, one of which may be an Essay):
  - (a) Economic Geography.
  - (b) Historical Geography.
  - (c) Social Geography.
  - (d) Physical Geography.
  - (e) Cartography.
  - (f) Geography of a particular Region.

Candidates will also be required to show satisfactory evidence of acquaintance with field and other practical research techniques.

*Industrial Relations—*

Candidates will be required to study the structure and functioning of systems of industrial relations in Britain, USA and other countries. The examination will consist of four papers as follows:

- (i) Industrial Relations (2 papers).
- (ii) *One* of the following branches (2 papers):
  - (a) Labour Economics.
  - (b) Labour History.
  - (c) Labour Law.
  - (d) Industrial Psychology.
  - (e) Industrial Sociology.
  - (f) Labour Statistics and Research Methods.

*International History—*

Candidates will be required to have a reading knowledge of *one* of the following languages in addition to English: French, German, Italian, Russian.

The examination will consist of four papers as follows:

- (i) A specified period of modern International History.
- (ii) An approved aspect of the candidate's chosen period, studies in relation to prescribed sources (2 papers).
- (iii) Diplomatic Theory and Practice relating to *one* of the following periods:
  - (a) 1688–1815.
  - (b) 1815–1919.
  - (c) 1919–1942.

*International Law—*

Candidates will be required to choose *one* of the following subjects. The examination in each case will consist of four papers.

1. History of International Law.
2. International Economic Law.
3. International Social Law.
4. Law of International Institutions.
5. Legal Regulation of International Conflicts.
6. Foreign and International Civil Service Law.

*International Relations—*

Candidates will be required to choose *one* of the following subjects. The examination in each case will consist of four papers.

1. International Politics.
2. The Foreign Policies of the Powers.
3. International Institutions.
4. Theories of International Politics.
5. Strategic Studies.

*Operational Research—*

The examination will consist of four papers as follows:

- (i) *Either* Statistical Theory.  
*Or* Design and Analysis of Statistical Investigations.
- (ii) *Either* Stochastic Processes and Applications.  
*Or* Theory of Statistics I.
- (iii) Mathematical Programming.
- (iv) *One* of the following:
  - (a) Management Accounting.
  - (b) Computer Programming and Simulation.
  - (c) Econometrics.
  - (d) Industrial Psychology.
  - (e) Any other approved subject.

*Philosophy—*

Candidates will be required to choose *one* of the following two subjects. The examination in each case will consist of four papers.

1. **Logic.**

- (i) Mathematical Logic
- (ii) *Three* of the following:
  - (a) Philosophy of Mathematics.
  - (b) History of Logic.
  - (c) Introduction to Modern Mathematics.
  - (d) Foundations of Probability and Statistics.
  - (e) Advanced Scientific Method.
  - (f) History of Epistemology.
  - (g) Selected Topics in the History of Science.

2. **Scientific Method.**

- (i) Advanced Scientific Method.
- (ii) *Three* of the following:
  - (a) History of Epistemology.
  - (b) History of Logic.
  - (c) Elements of Mathematical Logic.
  - (d) Foundations of Probability and Statistics.
  - (e) Selected Topics on the History of Science.
  - (f) Methodology of the Social Sciences.
  - (g) Introduction to Modern Mathematics.

*Politics—*

Candidates will be required to choose *one* of the following subjects. The examination in each case will consist of four papers.

1. History of Political Thought.
2. The Politics and Government of the United Kingdom.
3. Comparative Government.
4. Political Sociology.
5. Theory and Practice of Public Administration.

*Social Administration—*

The examination will consist of three papers and an essay written during the course of study.

- (i) Social Policy and Administration.
- (ii) The Economic and Social Background to Social Policy and Administration.
- (iii) Psychology and Social Structure.
- (iv) An essay of not more than 10,000 words on an approved topic in the field of study.

*Social Anthropology—*

The examination will consist of four papers, as follows:

- (i) Development of Social Anthropology.
- (ii) *One* of the following branches (2 papers):
  - (a) Theory of Kinship.
  - (b) Economic Anthropology.

- (c) Political Anthropology.
- (d) Anthropological Studies of Religion & Morals.
- (iii) One of the following branches (1 paper):
  - (a) Social Anthropology of Complex Societies.
  - (b) Applied Anthropology.
  - (c) Race Relations.
  - (d) Regional ethnography—a specialist study.

#### Sociology—

The examination will consist of four papers, at least *two* of which must be taken from those numbered (1), (i), (iii) and (iv).

- (i) Sociological Theory.
- (ii) Methods of Sociological Study.
- (iii) Social Structure and Social Change.
- (iv) Theories and Methods of Social Psychology.
- (v) Sociology of Education.
- (vi) Sociology of Deviant Behaviour.
- (vii) Industrial Sociology.
- (viii) Social Structure of Industrial Societies.
- (ix) Social Structure of non-Industrial Societies.
- (x) Demography.
- (xi) Psychology of Attitudes, Development and Change.
- (xii) Industrial Psychology.
- (xiii) Communication and Language.
- (xiv) Theories and Concepts of Political Sociology.
- (xv) Political Stability and Change.
- (xvi) The Study of Political Behaviour.

#### Statistics—

The examination will consist of three papers and a record of practical work done during the course. At least one paper must be taken from those numbered (i), (ii) and (iii).

- (i) Statistical Theory II.
- (ii) Statistical Theory III.
- (iii) Design and Analysis of Statistical Investigation.
- (iv) Economic Statistics.
- (v) Social Statistics.
- (vi) Econometrics.
- (vii) Mathematical Programming.
- (viii) Survey Methods.
- (ix) Any other approved topic.

#### Master of Science, by Examination and Dissertation

The Degree of Master of Science (Economics) (by examination and Dissertation) is awarded in the following fields of study:

Accounting	International Relations
Economics	Philosophy
Economic History	Politics
Geography	Social Administration
Industrial Relations	Social Anthropology
International History	Sociology
International Law	Statistics

#### Qualifications for Admission

A graduate of the University of London who, either as an Internal or as an External candidate, has been placed in the *First or the Second Class (Upper Division)* in the B.Sc. (Econ.) examination, or in the B.A. Honours examination in Anthropology, Geography, History, Mathematics, Philosophy, Philosophy and Economics, Philosophy and Psychology, Sociology, or in the B.Sc. (Special) examination in Anthropology, Geography, Mathematics, Psychology, Statistics, or in the B.Sc. (Soc.) examination, or in the LL.B. examination, or who has been awarded the M.Sc. Degree by examination, or a graduate of another university recognised by the University of London who has similar qualifications, may be admitted to the M.Sc. examination in an appropriate field of study after a course of study as an Internal student extending over not less than *two* academic years.

Graduates who have not reached the standard of at least a *Second Class (Upper Division)* in their Bachelor's Degree, and who have no further appropriate qualifications, will be required to reach this standard in a qualifying examination.

#### The Examination

The Examination will take place twice in each year commencing on the fourth Monday in May (provided that if Whit Monday falls on that day the examination will commence on the following Tuesday) and on the first Monday in December.

It will consist of two written papers on the candidate's General Subject, a dissertation and an oral examination. The dissertation shall not be more than 40,000 words, and shall be on an approved topic related to the candidate's General Subject.

At least twelve months before the candidate wishes to present himself he must submit for approval his General Subject and the topic he proposes for his dissertation. Where the General Subject is not among those specified below, or where the syllabus for it is not specified, this application must include a clearly stated syllabus.

Each candidate must apply to the Academic Registrar for a form of entry, which must be returned, duly filled up, not later than 1 February for the May Examination and not later than 15 September for the December Examination, together with the proper fee.

Each candidate must furnish, not later than 1 May for the May Examination and not later than 15 November for the December Examination, three typewritten or printed copies of his dissertation, adequately bound, *one* of which must be the typescript itself and *not* a carbon copy.

If the examiners consider that a candidate's dissertation is adequate but that he has not reached the required standard in the examination on

his General Subject, they may, if they think fit, recommend that the candidate be exempted on re-entry from presentation of a dissertation. Similarly, if the examiners consider that the candidate has reached the required standard in the examination on his General Subject but that his dissertation is not adequate, they may, if they think fit, recommend that on re-entry he be required to present only his revised dissertation. In both the above cases the examiners may, if they so desire, examine the candidate again orally when he re-enters.

A list of candidates for this M.Sc. Examination who have satisfied the examiners, arranged in alphabetical order, will be published by the Academic Registrar. A mark of distinction will be placed against the names of those candidates who show exceptional merit. No unsuccessful candidate will be permitted to re-enter within one year of the date of his first entry without the permission of the examiners, save that a candidate who has failed in respect of his dissertation alone may represent his revised dissertation at any time.

#### Fees for the Examination\*

Every candidate for this Degree of M.Sc. must at each entry to the whole Examination pay a fee of £25.

The fee payable on re-entry by candidates who have been exempted either from the presentation of a dissertation or from the examination on his General Subject is £12. 10s.

#### Subjects of Study

The following is a list, arranged under fields of study, of the General Subjects which may be offered. No candidate may offer more than one such subject. In exceptional circumstances, other subjects than those in this list may be submitted for approval.

##### Accounting—

Accounting and Financial Control.

##### Economics—

Advanced Economic Theory.	Economics of Industry.
Advanced Economic Analysis.	Business Administration.
History of Economic Thought.	Business Finance.
International Economics.	Economics of poor countries and their development.
Monetary Economics.	Agricultural Economics.
Economics of Public Enterprise.	Econometrics.
Labour Economics.	Economic problems of a particular region.
Economics of Transport.	
Public Finance.	

##### Economic History—

The Economic History of England or some other approved country or region during an appropriate period.

\* For Regulations relating to the return of fees to candidates prevented from presenting themselves for examination, see p. vi. The latest date for withdrawal referred to in those Regulations is 1 May for the May examination and 15 November for the December examination.

##### Geography—

To be studied *either* in general *or* in relation to an approved country or region.  
 The Geography of Agriculture.  
 The Geography of Industry.  
 The Geography of Transport.  
 Social Geography.  
 Urban Geography.  
 Historical Geography.  
 Applied Geography.  
 Political Geography.  
 Geomorphology.

##### Industrial Relations—

Considered generally.  
 Studied comparatively or with reference to an approved country or countries.  
 Considered with special reference to economic, political and legal factors, or psychological and sociological factors.  
 Considered with special reference to management or trade unions.

##### International History—

International diplomatic relations during an approved period.  
 International economic relations during an approved period.  
 Problems of international relations involving the interplay of diplomatic, economic, strategic and other factors during an approved period.

##### International Law—

History of International Law.  
 International Economic Law.  
 The Law of International Institutions.  
 The International Law of the Sea.  
 The Legal Regulation of International Conflicts.  
 International Legislation.  
 International Social Law.  
 Law of European Institutions.

##### International Relations—

International Relations with reference to an approved region (e.g. Europe, Latin-America, the Middle East, South Asia, Africa).  
 The Foreign Policies of the Powers.  
 International Institutions.  
 Strategic Studies.  
 The Politics of International Economic Relations.  
 Sociology of International Law.  
 Diplomatic Methods and Procedures.  
 International Communism.  
 Theories of International Politics.  
 Structure of International Society.

##### Philosophy—

An approved Philosophical topic.

##### Politics—

History of Political Thought.  
 Political Philosophy.  
 The Politics and Government of the United Kingdom, or of some other approved country, federation, association or group of countries. (A proposal to study the politics and the economy of a specified country will be accepted in appropriate cases.)  
 Comparative Government.  
 Political Sociology.  
 The Theory and Practice of Public Administration.

*Social Administration—*

Social Administration.  
Comparative Social Administration.

*Social Anthropology—*

History of Social Anthropological Theory.  
Anthropology of Social Systems.  
Anthropology of Economic Systems.  
Anthropology of Government and Law.  
Anthropology of Ritual Systems.  
Problems of Social Change.

*Sociology—*

Sociological Theory.  
Social Institutions (including Political Sociology).  
Comparative Study of Religion and Morals.  
Biological Aspects of Sociology.  
Demography.  
Criminology.  
Social Philosophy.

*Statistics—*

Theoretical Statistics.  
Econometrics.  
Operational Research.  
Actuarial Statistics.  
Demographic Statistics.  
Economic Statistics.  
Social Statistics.

## THE DEGREE OF MASTER OF ARTS (M.A.)

The School registers candidates for the M.A. degree in Anthropology, Geography, History, Psychology and Sociology.

It is also possible in certain cases to register candidates in Philosophy.

The M.A. examination will take place twice in each year, commencing on the first Monday in December and on the fourth Monday in May, provided that if that day be Whit-Monday the examination will commence on the following Tuesday.

No unsuccessful candidate will be permitted to re-enter within one year from the date of his first entry without the permission of the examiners.

## DETAILS OF EXAMINATION

The M.A. examination will normally include:—(i) a thesis, (ii) a written examination (except in History), (iii) an oral examination especially on the subject of the thesis.

The thesis shall be either a record of original work or an ordered and critical exposition of existing data with regard to a particular subject.

The title proposed for the thesis must in all cases be approved by the University, for which purpose it must be submitted to the University not later than 15 October for the next ensuing May examination or not later than 15 April for the next ensuing December examination.

Every candidate entering for this examination must apply to the Office of the Graduate School for a form of entry in time for it to be completed, countersigned and sent by the candidate to the University, together with the proper fee, not later than 1 February for the May examination and not later than 15 September for the December examination. In History the thesis may be submitted at any time of the year.

The candidate must furnish, not later than 1 April for the May examination and not later than 15 October for the December examination, three type-written or printed copies of the thesis (*one* of which must be the typescript itself and *not* a carbon copy). Each candidate is required to bring an *additional* copy to the oral examination, adequately bound and paged in the same way as the three copies submitted to the University.

The fee for each student is £25 for each entry to the whole examination.

The fee payable on re-entry by candidates who have been exempted either from the written portion of the examination or from the presentation of a thesis is £12 10s.

If the examiners consider that a candidate's thesis (or dissertation) is adequate, but that he has not reached the required standard in the written portion of the examination, they may, if they think fit, recommend that the candidate be exempted on re-entry from presentation of a thesis (or dissertation). Similarly, if the examiners consider that the candidate has reached the required standard in the written portion of the examination, but that his thesis (or dissertation) is not adequate, they may if they think fit, recommend that he be exempted on re-entry from the written portion of the examination. In both the above cases the examiners may, if they so desire, examine the candidate again *viva-voce* when he re-enters for the examination.

A list of candidates for the M.A. degree who have satisfied the examiners, arranged in alphabetical order in the several branches, will be published by the Academic Registrar. A mark of distinction will be placed against the names of those candidates who show exceptional merit.

## ANTHROPOLOGY

Candidates, other than those who have obtained First or Second Class (Upper Division) Honours at the B.A. Honours Degree in Anthropology of this University, will be required, unless special exemption be granted, to pass a qualifying examination before proceeding to the M.A. Examination.

Candidates not exempted, and presenting themselves for the B.A. honours examination as a qualifying examination, are not required to take a subsidiary subject.

The written portion of the M.A. examination will consist of one or more papers on a subject or subjects cognate to the thesis. The paper or papers will be prescribed at the time when the subject of the thesis is under consideration.

The written portion of the examination will consist of one or more papers on subjects cognate to that of the thesis.

#### GEOGRAPHY

Students who have taken the M.Sc. degree in Geography will not be permitted to proceed to the M.A. degree in Geography.

Candidates other than those who have obtained the B.A. honours degree in Geography or the B.A. (General) degree with Geography in the first or second division in this University will normally be required to pass a qualifying examination consisting of not more than four papers (to be selected by the University in relation to the branch of study to be offered at the M.A. examination) of the B.A. honours examination in Geography and to reach at least second class honours standard therein. Candidates who have obtained an equivalent degree including Geography in another University may be exempted from the whole or part of the qualifying examination.

The M.A. degree in Geography may be obtained in one of two ways. The candidate may either (i) be examined by written papers and a dissertation, or (ii) submit a thesis.

##### (i) M.A. in Geography without Thesis

The M.A. examination without thesis shall be on some major aspect of Geography or on the regional geography of an area of continental or sub-continental extent.

At least six months before the date of the examination at which a candidate proposes to present himself he must submit for approval (a) the major subject in which he wishes to present himself for examination, and (b) the section thereof on which he proposes to submit a dissertation, stating the proposed scope and method of treatment. He shall then be informed whether such subjects are approved by the University for the purposes of the examination.

The dissertation must be an ordered and critical exposition of existing knowledge of some part of the approved subject.

The examination shall consist of:—

- (a) The dissertation;
- (b) Two written papers on the approved subject;
- (c) An oral examination. It is, however, open to the examiners to reject the candidate without holding an oral examination.

##### (ii) M.A. in Geography with Thesis

The M.A. examination will include (i) a thesis, (ii) a written examination, and (iii) an oral examination especially on the subject of the thesis. It is, however, open to the examiners to reject the candidate without holding an oral examination.

The thesis must be a record of original work or other contribution to knowledge in some branch of Geography. Conjoint work may be submitted as a thesis for the degree, provided that the student shall furnish a statement showing clearly his share in the conjoint work and further provided that such statement shall be countersigned by his collaborator.

Theses should not exceed 40,000 words in length unless application to exceed the stipulated length is made to the University through the candidate's supervisor.

When submitting the title of the thesis for approval candidates must also submit the general scheme proposed for the thesis.

The written portion of the M.A. examination shall consist of one or more papers on a subject cognate to that of the thesis. The candidate will be informed of the subject in which he will be examined at the same time that the University communicates its decision regarding the approval of the subject proposed for the thesis.

#### HISTORY

All candidates entering for the M.A. degree examination in History must have previously obtained either a first or second class honours degree in History at this or some other university in the United Kingdom, or a degree from a university elsewhere which may be adjudged an equivalent qualification in History. Candidates to whom the University, on the advice of the Board of Studies in History, grants exemption from this rule will be required, before proceeding to the M.A. examination, to take not more than six papers of the B.A. Honours examination, to be specified in each case by the University, and to reach at least second class standard therein.

The examination will consist of (a) a thesis, and (b) an oral examination which will include a test of the candidate's knowledge of the general background of his thesis.

A candidate will be permitted to enter at any time during the year provided that he has completed the prescribed course of study, or provided that the prescribed interval has elapsed from the date of his obtaining the B.A. degree as an Internal Student. A candidate will be permitted to submit his entry form and fee not less than two and not more than six months before he is eligible to submit his thesis for examination.

A candidate who is required to pursue a course of study extending

over a specified number of academic years will be permitted to submit his thesis on or after 1 May in the year in which the course of study is completed.

A candidate who is required to pursue a course of study extending over a specified number of calendar years will be permitted to submit his thesis on or after the first of the month following that in which the prescribed course of study is completed. No thesis shall exceed 75,000 words in length (inclusive of footnotes and appendices, but exclusive of bibliography). This Regulation does not apply to additions of text or texts. A candidate wishing to exceed the prescribed limit may apply for permission to the University through his supervisor, such application being made at least six months before the presentation of the thesis.

If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may, after having examined the candidate orally, recommend the University to permit the candidate to re-submit the thesis in a revised form within 12 months from the decision of the University with regard thereto. The Examiners may, if they so desire, require the candidate to submit to a further oral examination when he presents the revised thesis for examination.

#### PHILOSOPHY

All candidates, except (i) those who have obtained the B.A. Honours Degree in Philosophy, or Philosophy and Psychology, or Philosophy and Economics, and (ii) those registered under the Regulations for Postgraduate Students proceeding to a Master's Degree and specially exempted by the University on the ground that they have passed an equivalent examination in Philosophy approved by the University, are normally required before proceeding to the M.A. Examination to pass a qualifying examination of the standard of the B.A. Honours Examination in Philosophy, unless in any special case the University, on the report of the Board of Studies, grant exemption from the general rule.

The examination will consist of:

- A. A thesis which shall normally be a short and critical treatment of a subject to be approved by the candidate's supervisor and the University.
- B. Three examination papers:
  1. A paper on a single philosopher (e.g. Aristotle) or school of philosophy (e.g., the British Empiricists), to be chosen by the candidate, the choice to be approved by the candidate's supervisor and the University. The candidate must normally submit his choice for approval within six months of registration for the degree.

2 & 3. Two papers to be chosen by the candidate from the following list:

- (a) Logic and Methodology
- (b) Epistemology and Metaphysics
- (c) Philosophical Psychology
- (d) Ethics
- (e) Aesthetics
- (f) Philosophy of Religion
- (g) Political Philosophy

C. An oral examination, at which the candidate will be questioned both about his thesis and about his answers to the examination papers.

#### PSYCHOLOGY

Students who have obtained the M.Sc. degree in Psychology will not be permitted to proceed to the M.A. degree in Psychology.

All candidates who have not obtained the B.A. Honours degree in Psychology are normally required to pass as a qualification for admission to the M.A. Examination, the B.A. Honours Examination in Psychology, but candidates may apply to be exempted from the whole or part of this Examination on the ground of having passed an Examination equivalent thereto. Candidates presenting themselves for the B.A. Honours Examination as a qualifying examination are not required to take a subsidiary subject.

Candidates for the M.A. degree in Psychology will be required to present a thesis, which shall embody original work. There will be an oral examination mainly on the subject of the thesis. In addition there will be a written examination. This will ordinarily consist of two papers but, at the discretion of the University, three papers and a practical examination may be required. Where two papers are presented, a practical examination may be added at the discretion of the Examiners. On registration, the candidate will be informed as to the methods by which he will be examined. Candidates who are required to take the examination by means of three written papers and practical, will be permitted to enter for the written and practical part of the examination only on completing their course of study. Candidates may enter for the written and practical examinations and submit their theses at the same time. Alternatively they may enter for the written and practical examinations first; a candidate who is successful at this part of the examination will be permitted to submit his thesis at any time up to two years after passing the written and practical examinations.

Candidates must submit a separate entry for each part of the examination.

Candidates who fail to satisfy the examiners in the written and practical part may re-enter, either for that part alone, or for both parts of the examination.

#### SOCIOLOGY

All candidates before proceeding to the M.A. examination in Sociology will be required to have passed the B.A. Honours examination in one of the following subjects unless in any special case the University, on the report of the Board of Studies, grants exemption from the general rule:—Sociology, Anthropology, History, Philosophy (with Sociology as the optional subject).

The written portion of the M.A. examination will consist of two papers as follows:—

- One paper on the field of study to which the thesis belongs (e.g., Social Institutions, Social Psychology, Social Philosophy, Methodology of the Social Sciences, etc.).
- One paper connected still more closely with the thesis.

#### THE DEGREE OF MASTER OF LAWS (LL.M.)

The Academic Postgraduate Diploma in Law is an approved diploma for the purpose of the Regulations, but this diploma is not intended to be used generally as a qualification for registration for the LL.M. Degree, and will therefore be accepted as such qualification only in exceptional circumstances by special permission of the University.

Except as provided below, no candidate shall be admitted to the LL.M. Examination until after the expiration of two years from the time of obtaining the degree or other qualification entitling him to apply for registration for the LL.M. Degree.

Candidates other than graduates of this University who have obtained their first degree as Internal Students in the Faculty of Laws, must usually pursue a course of study extending over not less than two years.

Graduates of this University who have obtained the LL.B. Degree with First or Second Class (Upper Division) Honours or graduates of other Universities who are deemed to have similar qualifications may be admitted to the LL.M. Examination after pursuing a full-time course of study extending over not less than one year. They will be required to take the LL.M. Examination by four written papers and, at the discretion of the examiners, an oral examination.

The LL.M. examination will take place once in each year, beginning on the first Monday in September.

Every candidate entering for this examination must apply to the

Office of the Graduate School for a form of entry, in time for it to be completed, countersigned and sent by the candidate to the University, with the proper fee, not later than 1 June.

A candidate submitting a dissertation must forward to the University by 1 September three type-written (*one* of which must be the typescript itself and *not* a carbon copy), or printed copies of his dissertation and a short abstract (3 copies) thereof, comprising not more than 300 words. The fee for each entry for the whole examination is £25. The fee for entry for written papers and dissertation taken separately is £12 10s. for each entry.

A candidate may obtain the LL.M. degree either

I. By passing at one and the same examination in any four of the subjects enumerated below; or

II. *In special cases*, by passing at one and the same examination in any two of the subjects enumerated below, and in addition submitting a dissertation not earlier than the expiration of two calendar years from the time of his taking the LL.B. degree.

A mark of distinction will be placed against the names of those candidates who show exceptional merit.

#### I. Examination without Dissertation

Candidates shall be examined at the end of a two-year course in any four of the following subjects. In each subject the examination shall consist of one three-hour paper.

- (1) Jurisprudence and Legal Theory.
- (2) Company Law and the General Principles of the Law of Unincorporated Associations.
- (3) Constitutional Laws of the Commonwealth—I.
- (4) International Economic Law.
- (5) Law of International Institutions.
- (6) Legal History.
- (7) Mercantile Law.
- (8) Comparative Law of Contract in Roman and English Law.
- (9) Comparative Conflict of Laws.
- (10) Muhammadan Law.
- (11) Hindu Law.
- (12) Law of Landlord and Tenant.
- (13) Planning Law.
- (14) Administrative Law and Local Government Law.
- (15) Criminology.
- (16) Air Law.
- (17) International Law of the Sea.
- (18) International Law of War and Neutrality.
- (19) Law of Taxation. (For 1964-5 only.)
- (20) Constitutional Laws of the Commonwealth—II.
- (21) African Law.
- (22) Law of Mortgages and Charities.
- (23) Illegality and Restitution.
- (24) History of International Law.
- (25) Comparative Criminal Law and Procedure.
- (26) Principles of Civil Litigation.

- (27)<sup>1</sup> Law of Taxation with special reference to the Taxation of Income.  
 (28)<sup>1</sup> The Law of Estate Planning.  
 (29) Law of European Institutions.  
 (30) Comparative European Law.

The subjects selected by candidates shall be approved by the University before candidates are registered, and candidates will only be registered for subjects in respect of which their qualifications are considered suitable.

The examiners may, in addition, if they see fit, examine any candidate orally.

## II. Examination with Dissertation

(I) The candidate must submit a dissertation which must be written in English<sup>2</sup> and be a record of original work or other contribution to knowledge in some branch of Law. The subject of the dissertation must be submitted for the approval of the University not later than 15 April for the next ensuing Examination.

The written portion of the examination shall consist of one paper in each of two of the twenty-seven subjects enumerated above. The subjects selected by candidates shall be approved by the University before candidates are registered, and candidates will only be registered for subjects in respect of which their qualifications are considered suitable.

The examiners may, in addition, examine the candidate orally on any part of his work, or they may set a three-hour paper on the wider aspects of the dissertation.

*N.B.*—It is particularly important to consult an up-to-date copy of the full University regulations since they contain full syllabuses and bibliographies and, in some branches, special sections which are changed from year to year.

<sup>1</sup> Subjects (27) and (28) may not be taken by candidates offering (19)—Law of Taxation.

<sup>2</sup> LL.M. Dissertations should, where appropriate, contain:—

- (i) An alphabetical table of cases;  
 (ii) A chronological table of statutes;  
 (iii) A bibliography, covering books and articles;  
 and each page should be numbered.

## DATES OF EXAMINATIONS

### (INTERNAL STUDENTS)

1964-1965

Entry forms for these examinations should be obtained from the Registry (Room 60) at least one month before the closing date. After completion by the student of the appropriate section the form should be returned to the Registry, together with the relevant enclosures. The School will forward all forms to the University. A time-table of the examination is sent to each student by the University in advance of the examination.

*Note.*—Although every endeavour is made to ensure accuracy in the following dates, students are advised in all cases to consult the University Regulations, which alone are authoritative.

#### B.Sc. (Econ.) Final, Part I (Revised Regulations).

Entry closes .. .. . 1 February 1965  
 Examination begins .. .. . 8 June 1965

#### B.Sc. (Econ.) Final Part II (Revised Regulations).

Entry closes .. .. . 1 February 1965  
 Examination begins .. .. . 24 May 1965

#### B.Sc. (Econ.) Final, Part II (Old Regulations).\*

Entry closes .. .. . 1 February 1965  
 Examination begins .. .. . 10 June 1965

#### B.Sc. (Soc.).

Entry closes .. .. . 1 February 1965  
 Examination begins .. .. . 10 June 1965

#### B.Sc. (Special) Anthropology

Entry closes .. .. . 15 February 1965  
 Examination begins .. .. . 3 June 1965

#### B.Sc. (Special) Geography

Entry closes .. .. . 15 February 1965  
 Examination begins .. .. . 3 June 1965

#### M.Sc. Econ.

##### December Examination

Entry closes .. .. . 15 September 1964  
 Examination begins .. .. . 7 December 1964

\* Candidates will sit the examination set for External Students.



		May Examination		
Entry closes	.. ..	.. ..	.. ..	1 February 1965
Examination begins	.. ..	.. ..	.. ..	24 May 1965
LL.B. Intermediate (Special).				
Entry closes	.. ..	.. ..	.. ..	25 March 1965
Examination begins	.. ..	.. ..	.. ..	1 June 1965
LL.B. Intermediate (General).				
Entry closes	.. ..	.. ..	.. ..	29 August 1964
Examination begins	.. ..	.. ..	.. ..	1 October 1964
LL.B. Final (Pass and Honours).				
Entry closes	.. ..	.. ..	.. ..	1 February 1965
Examination begins	.. ..	.. ..	.. ..	14 June 1965
LL.M.				
Entry closes	.. ..	.. ..	.. ..	1 June 1965
Examination begins	.. ..	.. ..	.. ..	6 September 1965
B.A. Final.				
Entry closes	.. ..	.. ..	.. ..	15 February 1965
Examination begins	.. ..	.. ..	.. ..	3 June 1965
M.A.				
		December Examination		
Entry closes	.. ..	.. ..	.. ..	15 September 1964
Examination begins	.. ..	.. ..	.. ..	7 December 1964
		May Examination		
Entry closes	.. ..	.. ..	.. ..	1 February 1965
Examination begins	.. ..	.. ..	.. ..	24 May 1965
Academic Postgraduate Diploma in Anthropology.				
Entry closes	.. ..	.. ..	.. ..	15 March 1965
Examination begins	.. ..	.. ..	.. ..	14 June 1965
Academic Postgraduate Diploma in Law.				
Entry closes	.. ..	.. ..	.. ..	1 June 1965
Examination begins	.. ..	.. ..	.. ..	6 September 1965
Academic Diploma in Public Administration.				
Entry closes	.. ..	.. ..	.. ..	15 April 1965
Examination begins	.. ..	.. ..	.. ..	28 June 1965
Academic Postgraduate Diploma in Psychology.				
Entry closes	.. ..	.. ..	.. ..	15 April 1965
Examination begins	.. ..	.. ..	.. ..	8 June 1965
Academic Postgraduate Diploma in Statistics				
Entry closes	.. ..	.. ..	.. ..	1 March 1965
Examination begins	.. ..	.. ..	.. ..	21 June 1965

## SPECIAL COURSES

- (1) Department of Business Administration.
- (2) Course of Economics for Engineers and Applied Scientists.
- (3) Joint Postgraduate Studies in Technology, Economics and Administration.
- (4) Trade Union Studies.
- (5) Foreign Service Course.

### Department of Business Administration

#### One-Year Graduate Course of Training in Business Administration

The Department offers to a limited number of selected students a one-year graduate course of training in Business Administration and facilities for research into problems of business practice. The one-year course, which was first offered in 1931, provides a method by which graduates can effect the transition from university to business. To others it gives an opportunity of acquiring a broader understanding of business than their work usually provides. The course is open to both men and women. No previous study of economics, law, or accounting is assumed.

The course requires full-time study for the whole session, which extends from October to July, and no outside work can be undertaken by the students. The curriculum includes economics, with special reference to business problems, business administration, the law relating to business, labour, finance, industrial production and distribution, market research, statistics, and accounting. In the teaching work full use is made of materials drawn from the actual problems and practice of business, the course being conducted largely in the form of discussion classes. Students visit factories, shops, and offices, and prepare reports on what they have seen. (For scheme of study see courses Nos. 150 to 162.)

Those graduates whose first degree is accepted by the University of London as qualifying them for registration as candidates for the M.Sc. Econ. degree may attend the one-year course as part of their work and devote a further year to research. Research into problems of Business Administration may also be undertaken by graduate students wishing to proceed to the degree of Ph.D. For further particulars of arrangements for higher degree students, see pages 237-264.

*Conditions of Admission*

1. Since the Department's one-year course is conducted at a graduate level, students must as a rule be university graduates, normally possessing a good honours degree or the equivalent, though duly qualified non-graduates may also be admitted (see paragraph 4 below).

2. All applications for admission will be considered by the Head of the Department, Sir Arnold Plant, Sir Ernest Cassel Professor of Commerce (with special reference to Business Administration) in the University of London. Candidates must be available for interview if required.

3. Candidates who are graduates must hold degrees from British universities or degrees of equivalent standing from universities overseas.

4. The usual qualifications for non-graduates are a good general education of not less than university entrance standard, not less than three years of practical experience during which they have held positions involving some responsibility, and attainment of the age of 25. Before being admitted to the Department's course, non-graduates may be required to undertake and achieve a prescribed standard in an approved course of study either at the London School of Economics or elsewhere.

5. For details of the scholarships available to graduate students, see pages 161-180. In case of serious financial difficulty it may be possible to assist students from the Manor Trust Fund (see page 170).

For details of fees, see page 147.

6. Candidates for admission must make application on official forms which should be filled in and returned as early as possible, and in any event not later than 5 September. These forms may be obtained from, and should be returned to, the Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2.

### **Course of Economics for Engineers and Applied Scientists**

This course of lectures is designed to provide an introductory knowledge of economics in relation to industry (including labour economics, finance, industrial structure and industrial history). It does not include individual tuition or seminars. It is intended primarily for university students of science and engineering who have completed, or are completing, their first degree work.

The lectures are held each week of term on Tuesdays from 10 a.m. to 1 p.m. during the Michaelmas and Lent Terms. (For scheme of study see page 326.)

Students of other colleges of the University attend by arrangement with their college authorities.

### **Joint Postgraduate Studies in Technology, Economics and Administration**

The growth of the natural and social sciences and their impact on the development, organisation and management of business and public affairs are creating both opportunities and problems which cut across conventional faculty boundaries. The Imperial College of Science and Technology and the London School of Economics and Political Science have therefore made joint arrangements to enable graduate students to take advantage of the combined facilities of the two schools.

The two schools collaborate in encouraging research which will throw light on the direction, strength and interplay of scientific, technological, social and market forces. For example, opportunities are provided for studies of the growth of industries largely based on scientific facts and principles, of the economic prospects of technological developments, of the factors affecting industrial productivity, and of the economics and organisation of research itself. For some of these studies a desirable training is a thorough grounding in an appropriate field of science and technology coupled with an appreciation of the relevant social sciences. Others may require a thorough grounding in the appropriate branches of the social sciences coupled with an appreciation of developments in natural science and technology.

Graduate research students accepted by either the Imperial College or the London School of Economics for this type of work receive guidance and help from *both* schools. Where it is advisable the student will be placed under two supervisors, one at each school.

Arrangements have also been made to assist graduate students whose purpose is to broaden and deepen their education and training rather than to engage in research. Students of Imperial College who have been accepted for a postgraduate course in science or technology and who wish to acquire an introductory knowledge of such subjects as economics, law, history and administration, are afforded facilities to do so at the London School of Economics. Courses of study are arranged to meet the individual needs of each student.

Arrangements relating to higher degrees have been made by the University of London to facilitate graduate studies which overlap the faculties of Science, Engineering and Economics. Subject to the University Regulations candidates are permitted to proceed to a higher degree based upon a field of study falling mainly or partly in a faculty different from that in which the first degree was obtained.

In addition to other scholarships and awards which may be open to graduate students of the two schools, attention is specially drawn to the Research Studentships and Advanced Course Studentships offered by the Department of Scientific and Industrial Research. In order to stimulate research of the kind described above and the training of men and women competent to undertake it, these grants are now available for honours graduates in pure or applied science to be trained in the investigation of problems concerning industrial productivity and organisation. Studentships are available both for postgraduate training in methods of research and for acceptable courses of postgraduate instruction in science and technology, including certain courses at the London School of Economics.

Further information relating to the above arrangements can be obtained from the Registrar, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7, or the Registrar, The London School of Economics and Political Science, Houghton Street, London, W.C.2.

### Course in Trade Union Studies

The School offers a one-year course of study for men and women interested in the work of the trade union movement. The course, which provides a training in the social sciences, with special reference to the development of trade unionism, is primarily intended for persons taking up responsible work in trade union organisations; though applications for admission from other qualified students will be considered. All applicants must show that they possess the training and experience necessary to profit from the course.

Lectures are available in the main subjects of the syllabus; classes, open only to members of the course, are provided. Opportunities for written work are given and provision is made for tutorial supervision. Subject to the approval of the Tutor to the course, students may be admitted to other lectures given at the School which are of interest to them, and to which entry is not limited. In addition, they are full students of the School and members of the Students' Union and as such entitled to enjoy all the facilities provided by the Union.

The Tutor to the course, who is a member of the staff of the School, gives advice to all applicants; he is in general charge of the course and it is to him that those accepted should look for advice and guidance.

The course is open to full-time day students only.

The syllabus of study consists of six subjects for which lectures and special classes are provided. The subjects are:—

- (i) Economics.
- (ii) Contemporary Trade Unionism and Industrial Relations.
- (iii) British Economic and Social History, with special reference to the growth of Labour Movements.
- (iv) Law, with special reference to Trade Unionism.
- (v) Political Theory and Organisation.
- (vi) Elementary Statistics and Business Finance.

Problems of human relations; the social organisation of industry; industrial relations in overseas territories and the work of international organisations are covered in a series of lectures and classes.

There is a regular series of talks and discussions given or opened by prominent leaders and students of Trade Unionism.

On the completion of the course the student will receive a report from the School describing the work done, and the standard reached, during his period of study.

Admissions to the course are made by the Tutor (Professor Roberts), who interviews applicants at the School by arrangement. Application forms can be obtained from the Registrar.

Full details of the fees payable are given in the Fees section of the Calendar.

### Foreign Service Course

The Department of International Relations offers a one-year course for foreign service career officers. It is intended to meet the needs of governments which require a short but intensive period of study for present or prospective members of their diplomatic services. Most students, therefore, are officially nominated by their governments, but applications from others will be considered in appropriate circumstances. The course is full-time and normally runs from October to June, but students urgently required for government service may be permitted to terminate their attendance in April. Applicants must have a university degree or equivalent qualification.

The programme includes general instruction at the graduate level in international relations, together with more specialised study of international institutions, diplomatic procedures, international law, international economics, recent international history, and one foreign language. Special arrangements are made for students to gain first-hand

experience of the operation of embassies and international organisations through tours, visits and lectures by professional diplomats.

At the end of the year students take an examination in three subjects. Each successful student is given a certificate showing his satisfactory completion of the course and any distinction he may have attained. A full report of his work throughout the session is sent to his sponsoring government.

Private students may apply for graduate bursaries described on p. 171.

Further details are set out in the pamphlet "Foreign Service Course". Copies of this are available, together with application forms, from the Registrar, London School of Economics, Houghton Street, Aldwych, London, W.C.2.

## REGULATIONS AS TO HONORARY FELLOWS

1. The Honorary Fellows Committee of the Court of Governors shall consist of the Chairman and Vice-Chairman of the Governors, the Director, the Vice-Chairman of the Academic Board, and six members appointed by the Court, of whom four shall be appointed on the nomination of the Academic Board.

2. The Court of Governors may, on the recommendation of the Honorary Fellows Committee and with the concurrence of the Academic Board, elect as an Honorary Fellow of the London School of Economics and Political Science any former student of the School who has attained distinction in the arts, science or public life, or any person who has rendered exceptional services to the School, or to the arts, science or public life.

3. No full-time member of the staff of the School shall be elected an Honorary Fellow.

4. Not more than 30 Honorary Fellows shall be elected at the meeting of the Court of Governors to be held in the Michaelmas Term 1958. Thereafter elections may be made annually in the Michaelmas Term. In any year after 1958 the number of persons elected shall not, save for special reasons considered adequate by the Court, exceed seven nor shall there be included amongst them, save for the like reasons, more than one person who is not a former student of the School.

5. Suggestions for election to Honorary Fellowships shall be invited annually by the Honorary Fellows Committee in May from:

- (i) each member of the Court of Governors,
- (ii) each member of the Academic Board,
- (iii) each Honorary Fellow.

6. Every suggestion shall be made in writing, shall be signed by the person making it and shall be received by the Secretary not later than 31 May. Thereafter, unless successful or withdrawn, it shall be regarded as current for three successive years, after which it shall lapse; but a fresh suggestion of the same name can be made.

7. The file of names suggested, past and current, shall be open to inspection in confidence by those persons who are to be invited, in accordance with regulation 5, to make suggestions.

8. In each year the Honorary Fellows Committee shall not earlier than 1 June nor later than 15 October consider the current list of names

suggested, and such other names as may be proposed in the course of their deliberations; and the names of persons recommended for election shall be arranged in alphabetical order in the report of the Committee.

9. The report of the Honorary Fellows Committee shall be considered by the Academic Board at their first meeting in the Michaelmas Term and shall be transmitted by the Board, with such observations as they may think fit, to the Court of Governors for consideration at their meeting held in the Michaelmas Term.

10. After the report of the Honorary Fellows Committee has been considered by the Academic Board, but before its transmission to the Court, the Director shall ask those who are recommended for election to Honorary Fellowships whether they would be willing to accept election. No such enquiry shall be made by those who suggest their names.

## THE LIBRARY

THE BRITISH LIBRARY OF POLITICAL AND ECONOMIC SCIENCE, which is the library of the School, was founded by public subscription in 1896, a year later than the School. The moving spirit was Sidney Webb (Lord Passfield), one of the original trustees and chairman of the Library Committee for many years; his hand can be seen in the programme put before the public, with its plea for the comparative study of public affairs based on official and institutional documents not at that time available either in the British Museum or in any special library in this country. The new library was to serve as the working library of the School (shortly to become the principal seat of the Faculty of Economics in the new teaching University of London) and also as a national collection.

These interdependent functions have grown together; the School has given the Library wide contacts with the public and academic worlds, and a standing which it could not easily have gained as an independent institution, and the Library has in its turn assisted in attracting research workers to the School in ever-increasing numbers.

It is freely open to students of the School, and is extensively used by other scholars and investigators. Application by non-members of the School for readers' permits must be made on a special form, which may be obtained from the Librarian.

The scope of the Library is the social sciences in the widest sense of that term; it is particularly rich in economics, in commerce and business administration, in transport, in statistics, in political science and public administration, in the law of certain foreign countries and international law and in the social, economic and international aspects of history. As well as treatises and some 10,600 non-governmental periodicals (of which 3,700 are received currently), it contains some 400,000 controversial and other pamphlets and leaflets; rich collections of government publications from nearly all the important countries of the world, including some 8,700 serials (of which 5,300 are received currently); collections which are probably unique of reports of local government authorities, of banks, and of railways; much historical material; and miscellaneous manuscript and printed collections of very varied extent and kind. The total amounts to some 435,000 bound volumes; the total number of separate items is estimated at over a million. In some subjects within its field, the Library is surpassed only by smaller and more highly specialised libraries, and in others it is unsurpassed; as a whole it is one of the largest libraries in the world devoted exclusively to the social sciences.

There is a full author catalogue typed on cards. The subject catalogue is published as *A London Bibliography of the Social Sciences*; this also contains books in certain other specialised libraries, and is widely used not only as a key to the contents of the Library, but also as a general bibliography of the social sciences. Further particulars of this work are given on pages 530-1. A catalogue of a more specialised interest is the *Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science*, available at 25s. a copy, 26s. post free.

The Library occupies a connected series of rooms on the north side of the School's main buildings in Houghton Street, Clare Market and Portugal Street. They include the only remaining part of the original School building of 1902, and later additions built partly with the aid of benefactions from the Rockefeller Foundation of New York. They are entered through a hall containing the catalogues and the counter for enquiries and the issue of books. There are seats for about 800 readers; reading rooms devoted to particular subjects or classes of material contain open-shelf collections amounting to some 40,000 volumes. The Periodical Room provides all readers with immediate access to the current numbers of over 600 periodicals. There is a fine room devoted to early books. Two further reading rooms are reserved for research workers, and one for the teaching staff of the School.

The greater part of the Library's collections is housed in the reserve stacks, which occupy nearly the whole of the basement of the main School building. Readers are not admitted to these, but any book is issued on demand for use in the reading rooms.

The School also possesses other libraries. The Lending Library consists chiefly of the books most in demand by students, which can also be used for reference in the room; it is housed in the East Wing. The Shaw Library (founded by Mrs. George Bernard Shaw) consists of general literature; it is housed in the Founders' Room on the fifth floor. Some teaching departments have study room libraries containing special collections mainly for the use of honours students.

*A leaflet of "Notes for Readers" may be obtained free of charge, on request.*

### Rules of the British Library of Political and Economic Science

- (1) The Library is open for the purpose of study and research to—
- i. Members of the London School of Economics and Political Science, as follows:—
    - (a) Governors.
    - (b) Staff.
    - (c) Regular students.
    - (d) Intercollegiate students.
    - (e) Occasional students who have paid a library fee of 2½ guineas a session or 1 guinea a term.
  - ii. Persons to whom permits have been issued.
  - iii. Day visitors admitted at the discretion of the Librarian.
- (2) Permits may be issued to—
- (a) Persons engaged in research which cannot be pursued elsewhere.
  - (b) Professors and lecturers of any recognised University.
  - (c) Persons engaged in any branch of public administration.
  - (d) (In vacation only) Undergraduates of other universities and colleges.
  - (e) Such other persons as may from time to time be admitted by the Librarian.

Applications for Library permits must be made on the prescribed forms; they should be addressed to the Librarian, and should be supported, either by a member of the staff of the School, or by a letter of recommendation from a person of position. Evidence of membership of the Royal Economic Society, the Royal Statistical Society or the London School of Economics Society is accepted in place of a letter of recommendation.

Library permits are not transferable. They are issued upon payment of the prescribed fees, which may, however, be remitted. The fees at present prescribed are, for persons in categories (2) (a) and (c), £5 5s. od. for a permit valid for six months, £2 12s. 6d. for three months or £1 1s. od. for one month. All fees are non-returnable.

(3) Every registered student on his first visit must produce his School registration card to be endorsed by the appropriate Library officer. Every permit holder on his first visit must sign his name in a book kept for that purpose and may be required to sign on subsequent occasions.

All readers are required to show their School registration cards or Library permits to Library officials upon request. Admission may be refused to anyone not in possession of such a registration card or permit.

(4) The reading rooms are open normally on all working days during hours prescribed from time to time. They are closed on Sundays and on certain other days as prescribed. (The hours of opening prescribed at present are from 10 a.m. to 5.50 p.m. on Saturday, and from 10 a.m. to 9.20 p.m. on other days. On Mondays to Fridays in term for most of the session part of the Library remains open, with a limited service, to 10.30 p.m. The days of closing prescribed at present are: six days at Christmas, six days at Easter, Whit-Monday, August Bank Holiday, and all Saturdays in July and August.)

(5) Readers must not bring *attaché* cases, overcoats, hats, umbrellas or other impedimenta into the Library. All such articles can be deposited in the cloakrooms of the School.

(6) Readers may take the books they require for purposes of study from any of the open shelves, and may take them to any of the reading rooms in the main Library.

(7) Readers who have finished with books taken from the open shelves in any of the rooms should return them without delay to the returned-book stack in the room from which they have been taken, or preferably to their places on the shelves.

(8) Books not on the open shelves must be applied for on the prescribed vouchers. Readers must return such books to the book counter when done with and claim the corresponding vouchers; they will be held responsible for all books issued to them as long as the vouchers are in the possession of the Library uncancelled.

(9) Except as provided below, no book, manuscript, or other property of the Library may be taken out of the Library. All readers as they leave the Library are required to show to the Library janitor any books, papers, folders, newspapers, etc., they may be carrying.

Certain advanced students are authorised, on completing the prescribed vouchers, to take books to the study room libraries for a limited time. They will be responsible for any loss of, or damage to, books so removed.

Members of the School staff may borrow books subject to the prescribed conditions.

Students of the School may borrow books over the weekend and at other times when the Library is closed subject to the prescribed conditions.

(10) Research students, upon completion of the prescribed vouchers, may keep books from the reserve stacks in their individual lockers in the research reading rooms. They will be responsible for books so held

by them, and the books must remain accessible to the Library staff in the event of their being required by other readers.

(11) Research students of the School may borrow books for use outside the Library, subject to the following conditions:—

(i) During the months of June, July, August and September, research students may borrow books only by special authorisation in each case, and on such special conditions as the Librarian shall impose, including if required the payment of a deposit.

(ii) No book borrowed shall be taken out of Great Britain.

(iii) Research students may not borrow more than six books at one time.

(iv) Books in the reading rooms, unique and rare books, and other books in particular demand, will be lent only by special permission in each case.

(v) The prescribed loan voucher must be completed and handed in before any book is removed.

(vi) Books borrowed during the term are due back on the last day of term, but they will be subject to recall at any time if required for use in the Library. Books borrowed during the last week of any term will be due for return at the end of the first week of the next term, but will also be subject to recall.

(12) Readers handing in vouchers are required to supply all the necessary information in the appropriate spaces. The members of the Library staff are authorised to refuse vouchers giving insufficient detail.

(13) During the Michaelmas and Lent terms, and the Summer term up to the end of May, a reader vacating his place will be deemed to have left the Library, and his books may be removed and the place occupied by another reader, unless he leaves on the table a note of the time of his leaving, in which case the place will be reserved for sixty minutes if the place is vacated between 12.0 and 1.15 p.m., or for thirty minutes if it is vacated at other times, but no longer.

(14) Ink-bottles or ink-wells cannot be taken into any of the Library rooms. Fountain pens are permitted. Readers using rare or valuable works, however, may be required to work with pencil.

(15) Smoking is forbidden within the Library.

(16) No reader may enter the Library basement or any other part of the Library not open to general readers without special permission.

(17) The tracing of maps or illustrations in books is forbidden. No book, manuscript, paper or other property of the Library may be marked by readers. Anyone who injures the property of the Library in any way will be required to pay the cost of repairing or replacing the injured property, and may be debarred from further use of the Library.

(18) The Library is intended solely for study and research, and may not be used for any other purpose whatsoever.

(19) Silence must be preserved in the reading rooms and on the central staircase and landings.

(20) Permission to use the Library may be withdrawn by the Director or the Librarian from any reader for breach of the rules in force at the time, or for any other cause that may appear to the Director or to the Librarian to be sufficient.

### UNIVERSITY LIBRARY

Any member of the University, staff or student, may apply to use the University Library (entrance in the Senate House, W.C.1, either from Malet Street or from Russell Square). An internal student may obtain a ticket by completing an application form (to be obtained at the Library) and showing his current College Admission Card. Arrangements are made, particularly during the first few weeks of the session, for new members to be instructed in the use of the Library.

The Library has about 800,000 books on many subjects, most of which may be borrowed for home reading, and about 4,250 current periodicals. There are several important special collections, including the Goldsmiths' Library of about 70,000 early works on economics.

The reading rooms are open on week-days, during Term and the Easter vacation from 9.30 a.m. to 9 p.m. On Saturdays and in the Christmas and summer vacations the Library is closed at 6 p.m. every evening. There is a refectory which may be used by registered readers.

Books may be borrowed from 10 a.m. to 6.30 p.m. on week-days during Term and the Easter vacation and from 10 a.m. to 5 p.m. on Saturdays and during the Christmas and summer vacations.

Microfilms, photostats and other photographic copies may be obtained from the Library Photographic Department which also has cheap self-service rapid copying equipment. A list of charges is available on application. In the Library there are eight micro-text readers (microfilm, microcard, microprint).

### CAREERS

The careers open to a graduate in the social sciences are many and offer work of responsibility and great interest; a degree in the social sciences is of use in any occupation which calls for a trained intelligence and an understanding of the contemporary world.

Enquirers often seem to expect the range of careers open to graduates of the School to be comparatively narrow, but in fact it is considerable. Of those who take the B.Sc.(Econ.) degree, three large contingents, more or less equal in size, between them absorb about two-thirds of our annual output of graduates—academic research, teaching, and industrial and commercial management either in private enterprise or in the nationalized industries. The remainder are widely spread in finance; in expert posts as economists or statisticians in industry and commerce; in the government service; in journalism, librarianship and so forth; and in advertising, and market research. Some have made a notable contribution in television. In particular, the increased use made of statistics, and the development of mathematical techniques as an aid to management and administration, offer great scope for the man or woman of mathematical inclinations. Of the sociology graduates, teaching and academic research absorb a substantial proportion, but again there is a wide and similar spread. Of the lawyers, most of course go into the legal profession; smaller numbers go into management, the public services or research. Of the students taking honours in History or Geography, teaching, academic research and the public services absorb the majority.

It is increasingly to be expected that for many of our graduates, and especially the best, a fourth year of study will prove fruitful. Some will wish to take advanced courses in, say, Operational Research, Personnel Management, or Business Administration. Others may seek a Master's degree, awarded after a year of graduate work: the rapid progress that is being made in the social sciences means that it takes more than three years and a Bachelor's Degree to make an expert economist or statistician, for example. The fourth year will be very necessary for the man who wants to go in for university teaching—a profession in which there are likely to be substantial numbers of vacancies in coming years as the social sciences, hitherto a comparatively neglected field, are rapidly coming into their own, and now have an important place in the studies of the new universities, while new departments are being established in the older universities and the colleges of advanced technology.

As to the relationship of a course of study—including choice of specialisms or optional subjects—to future career, there is one golden



rule to be followed; the subjects that a student should choose are those that he likes and is good at. Since our syllabuses are generally fairly wide, and comparatively flexible, students who are not very firmly committed to a specific course for professional reasons will be well advised not to allow their choice of courses to be dominated by particular ideas of future careers. Those who are in doubt should consult their tutors and the Careers Adviser, who works in close co-operation with the University of London Appointments Board, of which he is a member. Students should consult him in their first year at the School and at intervals during their course, but it will be open to them to seek his advice before entry and after graduation if they so desire.

Candidates for the open competitions, held annually for posts in the Administrative and Special Departmental Classes of the Civil Service, and also for the Foreign Service, must have, or obtain in the same year, a university degree, or alternatively must pass a written examination of degree standard. Students thinking of competing should seek advice about the most appropriate choice of degree subjects before starting their course. For local government appointments specialisation in law, accountancy, or some branch of social work is usually necessary.

The system of traineeships adopted by many industrial and commercial organisations provides opportunities for graduates to enter one or other of the specialised or professional branches of management. Formerly most banks and insurance companies recruited all their staff at school-leaving age; to-day, however, graduates are sought. As in industry and commerce, they must be prepared to undertake the same duties as those who join from school and to earn their promotion by ability, but starting salaries are related to age on joining. The overseas service of certain British banks offers a particularly interesting and financially attractive career.

For most careers, whether in the professions, in public administration, or in business, the acquisition of some further professional qualification or special training appropriate to that career is advisable, if not obligatory. Many firms send members of their staff to the more specialised and advanced courses in Business Administration and Personnel Management.

A university degree is the best method of obtaining the necessary theoretical background for a professional career, and in certain cases results in a considerable shortening of the period of professional training. Thus, the possession of the LL.B. degree leads to important exemptions from the Bar and Law Society examinations, and to a shortening of the period of articles for qualification as a solicitor. Similarly, the possession of a university degree reduces the period of articles from five to three years for those entering accountancy. If the degree is the B.Sc. (Econ.), with Accounting as the special subject in Part II, the pupil is also granted

exemption from the professional intermediate examination, provided the final degree examination is passed at the first attempt (see pages 205 and 206).

The B.Sc. (Sociology) degree, the B.A. degree in Sociology, and the Diploma in Social Administration awarded by the School, are recognised initial qualifications for posts in social administration, such as almoners, probation officers, youth leaders, youth employment officers, wardens of settlements, housing managers and child care officers. Since maturity is an asset in all branches of social work, a degree course is recommended for those starting under the age of twenty-one. In most cases further specialised or professional training, lasting at least one year, is necessary for these careers and students should, therefore, be prepared to undertake this. For posts in mental health work, child guidance clinics and other organisations dealing with mentally defective and unstable children and adults, the Diploma for Social Workers in Mental Health is an approved qualification.

The following books are recommended for additional information concerning careers:—

*Careers for Graduates* (Athlone Press).

*Civil Service Posts for Graduates* (H.M. Stationery Office).

P. Dunsheath, *The Graduate in Industry* (Hutchinson). Chaps. VI, VII, XII and XIII.

D. E. Wheatley, *Industry and Careers* (Iliffe Books Ltd.).

*A Career in Education for University Graduates* (Ministry of Education) (H.M. Stationery Office).

*The Arts Graduate* (Women's Employment Federation).

*Work Overseas* (Oversea Service).

## STUDENTS' AND ATHLETIC UNIONS

### STUDENTS' UNION

The objects of the Students' Union are to promote the welfare and corporate life of the students, and through the Union Council to represent the students in all matters relevant thereto except those relating to Athletics.

The Union has four functions. It administers, supervises and improves Union premises, which include offices, a bar and a shop. Secondly it co-operates with the School authorities in securing necessary improvements in Students' Welfare—for example improvements in School health services—and with external student organisations, on a national scale with the National Union of Students and on an international scale. Thirdly it provides a forum for the discussion of student affairs and interests. Fourthly it approves and regulates the numerous student societies in the College.

Every regular and occasional student becomes a full member of the Students' Union on the payment of School fees, while students of other colleges attending the School for a course of lectures become associate members and are allowed to use the Union premises. Full members are also members of the Three Tuns Club and entitled to use the Club's bar and other amenities.

The Union offices are situated in the Students' Union building. Information concerning the Union, its services and activities, can be obtained from the Union offices, and from the 'Information for Undergraduate students' issued to first-year students.

Union meetings are held in the Old Theatre on Friday evenings during Term. All students are urged to attend Union meetings, where they can help decide Union policy as well as take part in debates and discussions. Full details of meetings are published on the Union notice-boards.

The Union provides many useful services in the fields of social activities, student welfare, and relations with outside student bodies. Among these services are: debates, socials, dances; advice and information on housing, and grants and fees; a barber's shop and a number of common rooms and other amenities; and cheap travel and vacation work obtained in co-operation with the National Union of Students.

Members of the Union are also members of the University of London Union and are entitled to use all its premises and its services, and to participate in its activities. Full-time students are also entitled to receive

all the services of the National Union of Students, to which the Students' Union is affiliated.

The Union is a member of A.I.E.S.E.C. (Association Internationale des Etudiants en Sciences Economiques et Commerciales) under the auspices of which vacation traineeships for students in many countries are arranged. It is also a member of CEDESE (Communauté Européenne des Etudiants en Sciences Economiques) in which it associates with six other Economics schools in Europe to promote European understanding by means of exchanges.

The *Clare Market Review*.—The Union magazine was founded over fifty years ago, and is published yearly. This is a magazine of special interest to students of social sciences, with articles from staff, students and outside contributors. The Students' Union also publish a fortnightly newspaper, *Beaver*.

#### Hon. President:

—

#### Hon. Vice-Presidents:

R. CHAPMAN

Professor F. J. FISHER

Mrs. A. KIRBY

#### Executive Officers:

President .. .. .	A. N. KURTHA
Deputy President .. .. .	R. S. REEVE
Administrative Vice-President	E. T. MCCREE
Social Vice-President .. .. .	D. T. HORROCKS
External Affairs Vice-President	W. A. EVANS
Welfare Vice-President .. .. .	J. D. ARMSTRONG
General Secretary .. .. .	LYDIA M. HAMMOND
Senior Treasurer .. .. .	F. C. BOURNE

#### CLARE MARKET REVIEW

Editor .. .. . JOHN L. IRWIN

#### BEAVER

Editor .. .. . DAVID A. P. MILLS

## ATHLETIC UNION

All students are eligible to join the Athletic Union by becoming a member of any of its constituent clubs. The subscription charged for membership of the first club joined is ten shillings, and for any other club, five shillings.

The following clubs are affiliated to the Athletic Union.

<i>Club</i>	<i>Secretary</i>
Association Football .. ..	M. J. O'HARE
Athletics .. ..	J. A. PUPIUS
Badminton .. ..	B. CHOWDHURY
Basketball .. ..	R. S. MARKOVITZ
Boat (Men's) .. ..	G. W. F. CRAWFORD
Boat (Women's) .. ..	—
Cricket .. ..	G. E. MIZON
Cross-country .. ..	R. O. JENKINS
Fencing .. ..	STELLA PURCELL
Golf .. ..	CLAUDINE P. SPENCER
Gliding .. ..	—
Hockey (Men's) .. ..	R. J. DAVENTRY
Hockey (Women's) .. ..	JUDITH E. SURRIDGE
Judo .. ..	TERESA J. LEAR
Mountaineering .. ..	—
Netball .. ..	BRENDA J. ROBINSON
Riding .. ..	—
Rifle .. ..	M. DOBSON
Rugby Football.. ..	—
Sailing .. ..	—
Squash (Men's and Women's)	—
Swimming and Water Polo ..	C. R. FRAME
Table Tennis .. ..	S. F. CHOLAJ
Tennis (Men's) .. ..	—
Tennis (Women's) .. ..	—
Weight-lifting .. ..	R. MURGATROYD
Y.H.A. .. ..	JUDITH M. CLARKE

There are some twenty acres of playing fields at New Malden, to which there are frequent trains from Waterloo.

The ground has facilities for Association and Rugby football, hockey, cricket and lawn tennis. The pavilion has hot and cold showers and a plunge bath. Light teas are served and there is a bar.

The Boat Club rows from the University Boat House, Chiswick; the Squash Club uses the School court; the Badminton, Basketball,

Fencing, Table Tennis, and Weight-lifting Clubs use the School gymnasium; the Cross-Country Club runs on Hampstead Heath; the Swimming Club uses the University Union Pool; the Sailing Club operates at the Welsh Harp, Hendon; the Gliding Club uses Lasham Aerodrome, Hants; and the Riding Club goes to Wimbledon Common.

The Mountaineering and Y.H.A. Clubs have frequent meets in England and a few on the Continent.

*Executive Officers:*

President .. ..	A. G. MACDUFF
Vice-Presidents .. ..	{ G. LITTERICK R. V. PEDLINGHAM
General Secretary .. ..	B. CUNNINGHAM
Assistant General Secretary ..	JUDITH A. HART
Treasurer .. ..	C. R. STOTT

## RESEARCH STUDENTS' ASSOCIATION

All students registered for a higher degree, or paying a research fee automatically become members of the Research Students' Association.

The Association is the social centre of the Graduate School, helping the research students to meet one another and take part together in various social activities: for most of them have spent their undergraduate days elsewhere, and might otherwise, by the nature of their work, find difficulty in making contacts. There are Research Students' Common Rooms on the second floor of the Main Building (Rooms 221 and 222) which are open during regular School hours: tea is served in Room 221 in term time at 4 p.m. on Wednesdays, when there are often guest speakers.

An Executive Committee is elected each November and is responsible for administering the Common Room, for arranging week-end parties, the Annual Dinner, and other such occasions, details of which are posted on the notice board in the Common Room; and otherwise for assisting the members. The Committee will be glad to welcome new members at tea on the first Wednesday in the Michaelmas Term, to introduce them to other students and to help them find their way about the School.

1963-64:

<i>President</i> .. ..	W. J. MONEY
<i>Secretary</i> .. ..	CHRISTINE M. E. WHITEHEAD
<i>Treasurer</i> .. ..	R. E. HUNTER
<i>Committee</i> .. ..	G. BENNEH A. U. GHAZI E. W. SHOMO D. T. TRAVERS

## RESIDENTIAL ACCOMMODATION

The School does not keep an index of lodgings suitable for students, but those who require help in finding accommodation may consult: The University of London Lodgings Bureau, University of London Union, Malet Street, London, W.C.1.

The Bureau maintains a register of addresses of various types in most districts of London, and each student's requirements are carefully considered. During term-time a personal interview, for which an appointment must be made, is desirable, but from the end of the Summer Term to October students should apply by post.

In choosing lodgings students should bear in mind that it is possible to take lodgings which provide either bed and breakfast or bed and breakfast with a regular evening meal in addition. Anyone whose tastes are likely to lead him to enter very fully into the life of the Union and its societies, or to spend his evenings in the Library, will be well advised to seek lodgings of the former type; those who prefer to study quietly in their own rooms may be better suited by the latter type.

The fees for halls of residence, stated on the following pages, are those which are in force at present; but they are liable to amendment.

### Halls of Residence for Men:

#### PASSFIELD HALL

Endsleigh Place, W.C.1.

(Warden: C. J. Lowe, B.A., Ph.D.)

This Hall of Residence is provided by the School for men students. It is in Bloomsbury, situated in the north-west corner of Tavistock Square, and is 20 minutes' walk from the School.

There is accommodation for about 170 students: in single, double, and treble study-bedrooms. The fees are, at present, £160, £152 15s. od. and £140 15s. od. per session respectively, payable by terminal instalments in advance.

Fees cover breakfast and dinner, and all meals on Saturdays and Sundays. Washbasins and gas fires with slot meters are provided in each room.

Application should be made to the Registrar at the School, if possible by the end of May. First year applicants are selected for places towards the end of June of each year, for the following October. Second year applicants are selected during the Lent Term for the following April.

## COMMONWEALTH HALL

Cartwright Gardens, London, W.C.1.

An Inter-collegiate Hall for 400 men from the United Kingdom and Overseas. Accommodation almost entirely in single study-bedrooms. Squash courts, table tennis room, billiards room, library, common rooms, television rooms, drip-dry laundry rooms. Central heating. Selection is made after consideration of the individual student's needs and his ability to benefit from and contribute to life in a residential community.

Fees (£161 5s. for session of about 30 weeks) include breakfast and dinner during the week, and full board at weekends.

Application forms may be obtained from the Secretary and should be returned by the end of May.

## CONNAUGHT HALL OF RESIDENCE,

36-45, Tavistock Square, London, W.C.1.

Inter-collegiate Hall of Residence for men; 194 places, mainly in single rooms. The rent of the study-bedrooms, including breakfast and dinner, and also lunch at weekends, is £160 per session of 30 weeks. Written applications to the Warden, Professor D. M. Lang, should be made before 31 May.

## INTERNATIONAL HALL

Brunswick Square, W.C.1.

International Hall accommodates 270 men students. Half the rooms are reserved for British students and half for students from overseas. There are 10 double rooms and 250 single rooms.

Fees:—£5 7s. 6d. (single room) and £5 os. od. (for share of double room) per week. This includes breakfast and dinner from Mondays to Fridays, inclusive, and breakfast, lunch and supper on Saturdays and Sundays.

Application forms for admission may be obtained from the Warden and should be returned by 30 May.

## LONDON HOUSE

Mecklenburgh Square, W.C.1.

London House has accommodation for 350 postgraduate students from the overseas countries of the Commonwealth, the United Kingdom, former member countries of the British Commonwealth and the United States of America. It was established by the Dominion Students Hall Trust.

Fees for residence (excluding meals) vary between £2 16s. od. and £4 14s. 6d. per week. All meals are available in the Dining Hall (cafeteria system).

The House is close to three London Transport stations, viz., King's Cross (Metropolitan and District Lines), Russell Square (Piccadilly Line), Chancery Lane (Central Line). It is within easy walking distance of the London School of Economics.

Applications should be made direct to the Controller, London House, giving as much notice as possible.

### Halls of Residence for Women:

#### Intercollegiate Halls

Two Halls of Residence for Women Students—Canterbury Hall and Nutford House—are under the authority of the Halls of Residence Committee of the University of London; the third, College Hall, has an independent Council on which the University is represented. Only full-time students of the University are eligible for admission to the Halls.

CANTERBURY HALL (Cartwright Gardens, W.C.1. Warden: Miss J. Bernard, M.A., B.D.): Opened in November 1946 for 220 women students; accommodation is in single study-bedrooms with one bathroom to every two rooms; there are several common-rooms, a chapel, concert hall, library, games' room and squash court; the building is centrally heated. Fees for the thirty-week session: £150-£160 10s od. (for breakfast and dinner, Monday to Friday, and full board at weekends).

COLLEGE HALL (Malet Street, W.C.1. Principal: Miss P. D. Ede, B.A.): Opened in 1882 and transferred in 1932 to a new building in the University precinct. 220 residents are accommodated in 106 single and 57 double study-bedrooms, all with central heating and hand-basins; there are common-rooms, libraries, games' room, studio and laundries. Fees for the thirty-week session: 165 guineas and 150 guineas. Fees cover full board (except lunch from Monday to Friday).

NUTFORD HOUSE (Brown Street, off George Street, W.1. Warden: Mrs. E. Osman, B.A.): Opened in 1949 for 124 women students and since extended to take 193; accommodation is in 147 single rooms and 23 double rooms, most of them with some central heating; there are common-rooms and laundries, a library and games' room. Fees for the thirty-week session: £150 (single) and £135 (for share of double).

Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

Write (enclosing a stamped addressed foolscap envelope) to the Hall of first preference before the end of March for admission the following October. Admission is usually at the beginning of a session, but there are occasional vacancies in the course of the academic year.

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### WILLIAM GOODENOUGH HOUSE

(The Sister Trust: affiliated to the Dominion Students' Hall Trust),  
Mecklenburgh Square, W.C.1.

William Goodenough House accommodates 115 postgraduate women students from the British Commonwealth and the United States of America. In addition there are 50 self-contained flats for married students.

Fees, including breakfast, are from £4 4s. od. to £5 5s. od. per week. All other meals are available on a cafeteria system. The rooms are single study-bedrooms, with central heating, and with electric fires on a meter system. There are ample common-rooms.

Applications should be made, well in advance, to the Controller, William Goodenough House, Mecklenburgh Square, London, W.C.1.

## SPECIAL ASSOCIATIONS AND SOCIETIES

### i. The London School of Economics Society

(Formerly Old Students' Association)

HONORARY OFFICERS AND COMMITTEE, 1963/64

*President* .. .. . L. FARRER-BROWN, C.B.E.

*Vice-President* .. .. . DR. VERA ANSTEY.

*Representative of the London  
School of Economics Society  
on the Court of Governors* .. W. H. B. CAREY, F.C.A.

*Secretary* .. .. . MRS. OLGA L. AIKIN.

*Entertainments Secretary* .. MISS H. MARJORIE SIMPSON.

*Treasurer* .. .. . J. B. SELIER, F.C.A.

*Auditor* .. .. . K. A. POLLOCK, A.C.A.

*Committee Members* .. .. .  
 { THE OFFICERS and MISS ILSE T. BOAS,  
 MRS. ALICE M. C. CARTER, W. F.  
 CRICK, N. M. EKSERDJIAN, MISS  
 IANE T. HENDERSON, J. V. HERRING,  
 D. J. KINGSLEY, MRS. DIANA OLDER-  
 SHAW, P. J. C. PERRY, B. ROWNTREE,  
 W. M. STERN, J. WHYMAN

Membership of the London School of Economics Society is open to past students of the School, day and evening, who have been full members of the Students' Union for at least one session. Members of the School's academic staff who were not students at the School are eligible for annual membership while remaining on the staff. Persons not so qualified can be admitted to membership at the discretion of the Committee.

Members of the Society are granted various privileges in regard to the use of the School facilities. Subject to certain restrictions, they are entitled to free permits to use the School Library during vacations and in some cases during term. The *London School of Economics Society Magazine* is sent to members free of charge, and there are occasional social events including an annual dinner.

The life subscription is £5, the annual subscription £1. Application forms and information relating to the Society can be obtained from the Honorary Secretary at the School.

### ii. Friends of the London School of Economics

*Trustees:*

*Chairman*, LORD PIERCY; *Vice-Chairman*, S. P. CHAMBERS.

*Treasurer*, W. H. B. CAREY.

SIR SYDNEY CAINE, SIR ALEXANDER CARR-SAUNDERS,

EVE V. EVANS, L. FARRER-BROWN, G. TUGENDHAT.

*Secretary*, H. KIDD.

In July 1957 an Association of Friends of the London School of Economics was formed. Membership is open to all former students of the School, present and past members of the staff, present and past Governors and any other persons or organisations interested in the welfare of the School. The principal object of the Association is to raise funds to provide for the School amenities which are important to its daily life but which it cannot afford, either because of shortage of money or because it would not be appropriate to expend public funds on their acquisition. The Association has already made a number of gifts to the School, including a specially designed table and chairs for use on the stage of the Old Theatre and attractive garden furniture for the third-floor roof gardens, has provided half the cost of building a new entrance to the sportsground at Malden and has contributed £500 towards the cost of refurnishing the Common Room at Passfield Hall. In 1963 three large Persian carpets were provided for the Founders' Room. The annual subscription is two guineas, or one guinea if paid under a seven-year deed of covenant. Donations, and gifts in kind of such items as pictures, plate, glass and silver are welcomed.

The Secretary of the School will gladly send particulars of the Association on application.

PART III  
LECTURE COURSES, CLASSES AND SEMINARS

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Part III of the Calendar groups courses according to subject, but regular students should understand that, beyond those which are restricted to certain students, they are at liberty to attend any course of lectures.

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In this list of courses the following notation has been used.

1. B.Sc. (Econ.) degree. The title of the examination paper to which each course relates is given in *italics*, the number of a special subject in roman numerals, and the number of the paper in arabic numerals and letters of the alphabet; the relevant regulations are set out on pages 189-97 of the Calendar.
2. B.A./B.Sc. Sociology degree (revised regulations). The option is indicated by A or B and the examination paper by arabic numerals and letters of the alphabet. The relevant regulations are set out on page 203 of the Calendar.

## ADDRESSES

### DIRECTOR'S ADDRESS TO NEW STUDENTS

First Year undergraduate and Social Science students:

Saturday, 3 October 1964, 11.15 a.m.

First Year undergraduate Evening Students:

Monday, 5 October 1964, 6.30 p.m.

### LIBRARIAN'S ADDRESS TO NEW STUDENTS

First Year undergraduate and Social Science students:

Saturday, 3 October 1964, 3 p.m.

Evening Students: Tuesday, 6 October 1964, 6.30 p.m.

## ECONOMIC AND SOCIAL ADMINISTRATION



## ECONOMIC AND SOCIAL ADMINISTRATION

### 1. Economic Analysis and Policy (Class). Dr. Mazumdar. Sessional.

Restricted to One-Year Diploma in Economic and Social Administration.

**Syllabus.**—The national income, its measurement and composition. Economic growth. Structural changes in the course of growth. The organisation of the use of resources. The operation of markets. Employment. The price level. Foreign trade. Government policies (including planning) with respect to growth, the operation of markets, employment, the price level and foreign trade. The emphasis will be on the problems of underdeveloped countries, with comparative material drawn from the experience of more advanced countries.

The following courses are also relevant, and students will discuss with their tutor which of them to attend:—

- No. 8.—Introduction to Economics.
- No. 106.—The Economics of Poor Countries and of their Development.
- No. 107.—Economic Planning in Developing Countries.
- No. 113.—Seminar on the Economics of Poor Countries.

### 2. Theory and Practice of Government. Lecturer to be announced. Sessional.

For One-Year Diploma in Economic and Social Administration.

**Syllabus.**—Structure of the modern state: constitutional frameworks; legislatures, executives and judiciaries; federalism; laws and conventions. Democratic institutions: representative institutions; electorates, parties and parliaments; political oppositions; self-government in economic, religious and voluntary organisations; public opinion. Problems in transplanting institutions. Government: character of the executive; the civil service; public corporations; local government; political-administrative relations. Political systems: political power and its relation to authority; nationalism, communism and the modern state; historical and economic conditions of democracy; political aspects of economic and social change. Government in relation to economic and social development: the functions of government; the scope and problems of governmental planning; planning, politics and administration.

The following courses are relevant to this syllabus. Students will discuss with their tutor which of these and other suitable courses they will attend:—

- No. 571.—The Governmental Process.
- No. 572.—Local and Regional Government.
- No. 573.—The Aims and Methods of Governmental Planning.
- No. 580.—African Government and Politics.
- No. 587.—The Politics of European Integration.
- No. 598.—Public Enterprise.

### 3. Constitutionalism in the New Commonwealth. Professor de Smith. Six lectures, Lent Term. (Beginning in fifth week.)

For Diploma in Economic and Social Administration; B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign or Commonwealth Country*, VII 8c; Overseas

Service Officers and for LL.B. and LL.M. students who are interested. Optional for Diploma in Social Administration (overseas option) (Second and One-Year students)

**Syllabus.**—The Westminster model of parliamentary democracy as adapted in newly self-governing and independent Commonwealth countries. Presidential régimes. Modifications of the principle of majority rule: federalism, diarchy, bicameralism, constitutional entrenchment of bills of rights and other safeguards for regional, group and individual interests. The independence of the judiciary and the public service.

Special attention will be given to the constitutions of India, Pakistan, Ghana, the Federation of Malaysia, Nigeria, Cyprus, Tanganyika, Jamaica, Kenya and Southern Rhodesia.

**Recommended reading.**—S. A. de Smith, *The New Commonwealth and its Constitutions*; D. V. Cowen, *The Foundations of Freedom*; W. I. Jennings, *The Approach to Self-Government*; O. I. Odumosu, *The Nigerian Constitution*; L. A. Sheridan (Ed.), *Malaya and Singapore: the Development of their Laws and Constitutions* (Part I); F. A. R. Bennion, *The Constitutional Law of Ghana*; F. G. Carnell in U. K. Hicks and others, *Federalism and Economic Growth in Underdeveloped Countries*.

#### 4. Social Structure and Policy. Sessional.

For One-Year Diploma in Economic and Social Administration.

**Syllabus.**—Forms of social structure and the levels of economic development associated with them. Industrialisation and urbanisation as processes of social change; the emergence of social problems. How societies identify their social problems. The measurement of standards and levels of living. Forms of social provision in different social structures. The development of social policy and administration in industrial-urban societies. Values underlying approaches to problems of social development in different countries.

**Recommended reading.**—L. Broom and P. Selznick, *Sociology*; G. M. Foster, *Traditional Cultures and the Impact of Technological Change*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; G. Hunter, *The New Societies of Tropical Africa*; United Nations, Report on the World Social Situation, 1957 and 1961; C. Kerr et al., *Industrialism and Industrial Man*; B. F. Hoselitz and W. E. Moore (Eds.), *Industrialisation and Society* (UNESCO, 1963).

The following courses are relevant to this syllabus. Students will discuss with their tutor which of these and other suitable courses they will attend:—

- No. 655.—**Social Implications of Technological Change.**
- No. 656.—**Problems in Applied Anthropology.**
- No. 683.—**Population Trends and Policies.**
- No. 720.—**Introduction to Social Policy.**
- No. 721.—**Health and Social Medicine.**
- No. 722.—**Development of Social Administration.**
- No. 724.—**An Introduction to the Financial Problems of the Social Services.**
- No. 726.—**Community Development.**
- No. 837.—**Comparative Social Institutions.**
- No. 947.—**Survey Methods in Social Investigation.**

#### 5. Administrative Problems of Development (Seminar).

A seminar will be held by the tutors for students of the course in Economic and Social Administration throughout the session. Other graduate students may be admitted by permission. The principal concern will be with administrative problems in countries experiencing

rapid economic and social change. General questions to be discussed will include:

- (i) the relation between economic and social change;
- (ii) the transplanted of institutions from one society to another;
- (iii) political movements in societies undergoing rapid change.

Reference will be made to the relevant policies and methods of Western countries, and their suitability for other parts of the world will be discussed.

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## ECONOMICS, ANALYTICAL AND APPLIED

### I. GENERAL ECONOMICS

**8. Introduction to Economics.** Mr. Shaffer. Eighteen lectures, Michaelmas and Lent Terms.

For B.A. Honours in Geography (First Year)—subsidiary subject of Economics; Intermediate LL.B.; Diploma in Social Administration (First Year); Diploma in Social Administration (First Year) (Overseas Option); Diploma in Personnel Management; Certificate in International Studies; Overseas Service Officers; Diploma in Public Administration.

**Syllabus.**—An introduction to economic analysis, with some illustrations of its application to various topics.

**Recommended reading.**—Reading will be recommended as the lectures proceed.

**9. Elements of Economics.** Dr. Corry (day); Mr. Needleman (evening). Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.A. Honours in Philosophy and Economics (First Year); B.A./B.Sc. (Sociology) (First Year).

**Syllabus.**—An introduction to economic analysis including the elements of price theory, distribution theory, money and banking, employment, price levels, interest rates and the balance of payments.

**Recommended reading.**—P. A. Samuelson, *Economics: An Introductory Analysis*; R. G. Lipsey, *An Introduction to Positive Economics*.

Further reading on particular topics will be given as the course proceeds.

**10. Economics.** Mr. Rose, Professor Devons and Professor Phelps Brown (day); Mr. Alford, Professor Yamey and Professor Phelps Brown (evening). Thirty lectures, Sessional, for second-year students and ten lectures, Michaelmas Term, for third-year students.

For B.Sc. (Econ.) Part II, paper 1 for V, VI, VII, VIII, XI, XII, XIII and XIV; *Problems of Applied Economics*, I 5; II 5; IV 5a (Second and Third Years); B.A. (Philosophy and Economics) (Second and Third Years). Also forty lectures for B.A./B.Sc. (Sociology) and B.A. Honours in Geography—subsidiary subject of Economics (Second Year).

**Syllabus.**—The workings of contemporary economies (with special reference to the United Kingdom): their institutions, processes and problems, and the application of elementary economic analysis to the study of these.

(a) Mr. Rose or Mr. Alford: Fifteen lectures, Michaelmas and Lent Terms.

The national income; total demand; savings and investment.

The capital market; banking and financial institutions.

International economics: international trade and its control; the external balance; the valuation of national currencies; international economic institutions; economic integration.

(b) Professor Devons or Professor Yamey: Fifteen lectures, Lent and Summer Terms.

The distribution of the national income between factors of production.

The structure of the economy: the public sector, including nationalised industries; the private sector, manufacturing and mining, transport, distribution of goods, market structures.

The labour market: deployment of the labour force; combinations and collective bargaining; public regulation; wage structures.

The government and the private sector: location policy, monopoly policy, agricultural policy.

- (c) Professor Phelps Brown. Ten lectures, Michaelmas Term.  
The economics of social policy, including housing, rents, pensions and unemployment insurance.  
Economic growth.  
Planning: the mixed economy; the socialist economy.

**Recommended reading.**—The following are recommended for preliminary reading: G. C. Allen, *The Structure of Industry in Britain*; A. K. Cairncross, *Introduction to Economics* (Part II); E. H. Phelps Brown, *The Economics of Labor*; A. C. L. Day, *The Economics of Money* (Home University Library); E. Devons, *Essays in Economics* (essays No. 1, 2, 6 and 7); R. and G. Stone, *National Income and Expenditure*; J. H. B. Tew, *International Monetary Co-operation*; Report of the U.K. Committee on the Working of the Monetary System (Cmd. 827), chaps. 4 and 5; W. Hagenbuch, *Social Economics*; W. A. Lewis, *The Theory of Economic Growth*; A. Nove, *The Soviet Economy*.

Further reading will be recommended during the course.

## II. Economic Principles. Lord Robbins (day); Dr. Makower (evening). Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 1; IV 4; IX 1a; X 1a (Second Year); B.A. Honours in Philosophy and Economics (Second Year).

**Syllabus.**—The course will attempt a broad conspectus of the leading propositions of economic analysis. The theories of choice, exchange production, distribution, money, employment, fluctuation and secular change.

**Recommended reading.**—A. Marshall, *Principles of Economics* (8th edn.); M. Friedman, *Price Theory*; J. R. Hicks, *Value and Capital*; W. J. Baumol, *Economic Theory and Operations Analysis*; A. Schneider, *Money Income and Employment*; F. S. Brooman, *Macroeconomics*; D. H. Robertson, *Lectures on Economic Principles*; I. Fisher, *The Theory of Interest*.

## 12. The History of Economic Thought. Lord Robbins. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*History of Economic Thought*, I 8a; II 8a; III 8e; VII 3d (Third Year); and B.A. Honours in Philosophy and Economics (Third Year) and for graduate students.

**Syllabus.**—The history of economic thought from Aristotle to the present day. Special attention will be paid to the period since 1776, including the monetary controversies of this period.

**Recommended reading.**—The set books by Ricardo and Marshall. Also: A. Monroe, *Early Economic Thought*; J. R. McCulloch (Ed.), *Early English Tracts on Commerce*; and *Tracts on Money*; O. H. Taylor, *A History of Economic Thought*; J. A. Schumpeter, *History of Economic Analysis*; E. Cannan, *A Review of Economic Theory*; E. A. Johnson, *Predecessors of Adam Smith*; J. Higgs, *The Physiocrats*; J. M. Clark and others, *Adam Smith, 1776-1926*; J. H. Hollander, *David Ricardo*; M. Blaug, *Ricardian Economics*; M. Bowley, *Nassau Senior and Classical Economics*; A. Gray, *The Socialist Movement*; G. J. Stigler, *Production and Distribution Theories*; J. Viner, *Studies in the Theory of International Trade*; L. C. Robbins, *The Theory of Economic Policy in English Classical Political Economy*; Robert Torrens and the *Evolution of Classical Economics*; T. W. Hutchinson, *A Review of Economic Doctrines, 1870-1929*; Erich Schneider, *Einführung in die Wirtschaftstheorie*, Vol. IV, *Geschichte der Wirtschaftstheorie*, I, Band.

Further reading will be suggested during the course.

## 13. The Development of Economic Analysis. Dr. Corry. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Development of Economic Analysis*, I 7 (Third Year); special subject of Monetary Economics (Third Year); graduate students.

**Syllabus.**—The course is designed to provide a survey of modern economic analysis from an historical and comparative point of view.

**Recommended reading.**—M. Blaug, *Economic Theory in Retrospect*; S. E. Harris (Ed.), *The New Economics*; J. A. Schumpeter, *History of Economic Analysis*; American Economic Association, *A Survey of Contemporary Economics* (2 Vols.).

A detailed bibliography will be issued at the beginning of the course.

## 14. Introduction to a Mathematical Treatment of Economics. Mr. Archibald. Ten lectures and five classes, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4 (Second Year); B.A. Honours in Philosophy and Economics (Second Year); graduate students.

**Syllabus.**—The course, which assumes no more than "O level" mathematics, is intended to help the general student of economics to understand the mathematical formulations used in economic theory and also to provide a bridge between "O level" mathematics and the standard required in Mathematical Economics at Part II. Functions and curves; demand, supply, and elasticity; introduction to calculus; applications to the theory of the firm, the consumer and the market; simple difference equations.

**Recommended reading.**—G. J. Stigler, *The Theory of Price*; R. G. D. Allen, *Mathematical Analysis for Economists*; J. Parry Lewis, *An Introduction to Mathematics for Students of Economics*; R. G. Lipsey, *An Introduction to Positive Economics*.

**Note:** It will be assumed that students taking courses 15 and 16 will be taking either Mathematics A or Mathematics B.

## 15. Economics Treated Mathematically.

For B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8b; III 8d; IV 2f; IX 1b; X 1b.

- (a) **Micro-Economic Theory.** Mr. Kuska. Fifteen lectures, Lent and Summer Terms for second-year students (beginning in the sixth week of the Lent Term).

**Syllabus.**—An introductory mathematical statement of the theories of consumption, production and welfare in both their static and inter-temporal aspects. The general equilibrium of exchange, production, and production over time.

**Recommended reading.**—R. G. D. Allen, *Mathematical Analysis for Economists*; J. M. Henderson and R. M. Quandt, *Microeconomic Theory*; P. A. Samuelson, *Foundations of Economic Analysis*; R. E. Kuenne, *The Theory of General Economic Equilibrium*.

- (b) **Macro-Economic Theory.** Dr. Ozga and Mrs. Oldershaw. Fifteen lectures, Michaelmas and Lent Terms for third-year students.

**Syllabus.**—Theory of income determination. Simple growth and trade cycle models.

**Recommended reading.**—G. Ackley, *Macro-Economic Theory*; R. G. D. Allen, *Mathematical Economics*; W. J. Baumol, *Economic Dynamics*; E. F. Beach, *Economic Models* (Part I); J. E. Meade, *A Neo-Classical Theory of Economic Growth*.

- (c) **Mathematical Programming.** See Courses Nos. 970 and 971.

16. **Economics treated Mathematically (Classes).** Classes will be held in connection with Course No. 15.

17. **Statistical Methods in Economics.** Professor Phillips and Mr. Sargan. Twenty lectures and twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*Statistical Methods in Economics*, I 6b (Third year).

(Note: It will be assumed that students attending this course either have taken Elementary Statistical Theory at Part I or are taking Elements of Statistical Theory and Methods at Part II.)

**Syllabus.**—Formulation of economic theories with a view to statistical estimation and testing. Special problems of statistical inference arising from simultaneous relations, distributed time lags and auto-correlated disturbances. Methods of analysing time series and cross-section data. A study of representative articles and books in which statistical methods have been used for investigating economic relations.

**Recommended reading.**—J. Johnston, *Econometric Methods*; H. Theil, *Economic Forecasts and Policy*; R. Stone, *The Measurement of Consumers' Expenditure and Behaviour in the U.K., 1920-38* (Vol. I); W. C. Hood, "Empirical Studies in Demand" (*Canadian Journal of Economics and Political Science*, 1955); H. S. Houthakker, "The Econometrics of Family Budgets" (*Journal of the Royal Statistical Society, Series A*, 1952); L. R. Klein, *Introduction to Econometrics*; M. Friedman, *A Theory of the Consumption Function*, chaps. 2-4.

18. **Economics Classes.** Classes will be held in connection with Course No. 8.

19. **Economics Classes.** Classes will be held for first-year students reading for the following degrees: B.Sc. (Econ.), B.A./B.Sc. (Sociology), B.A. Honours in Philosophy and Economics.

20. **General Economics Classes.** Classes will be held in connection with Course No. 10.

21. **Economic Principles Classes.** Classes will be held in connection with Course No. 11.

22. **History of Economic Thought Class.** A class will be held on set books in the History of Economic Thought for students taking Part II of the B.Sc. (Econ.) and B.A. Honours in Philosophy and Economics (Third Year).

23. **Economic Analysis Classes.** Classes will be held weekly throughout the session for third-year students taking the special subject of Economics, Analytical and Descriptive, in Part II of the B.Sc. (Econ.).

#### FOR GRADUATE STUDENTS

##### M.Sc. (Econ.) General Subject Economics Courses for Papers 1 and 2

24. **Economic Theory.** Professor Rosenberg and Mr. Brechling. Michaelmas and Lent Terms. Students taking two years for the M.Sc. (Econ.) should attend this course in their first year.

25. **Mathematics for Economists.** Mr. Kuska. Michaelmas and Lent Terms. For paper 1, *Economic Theory* and paper 2, *Methods of Economic Investigation*. Students taking two years for the M.Sc. (Econ.) should attend this course in their first year.

26. **Economic Statistics.** Professor Devons. Lent Term. For paper 2, *Methods of Economic Investigation*. Also for the general subject Economics and Econometrics, papers 1 and 2, *Quantitative Economics*. Students taking two years for the M.Sc. (Econ.) should attend this course in their first year.

27. **Statistical Theory for Economists.** Mr. J. J. Thomas. Michaelmas and Lent Terms. For paper 2, *Methods of Economic Investigation*. Students taking two years for the M.Sc. (Econ.) should attend this course in their first year.

28. **Theory of Value and Allocation.** Dr. Makower. Lent Term. For paper 1, *Economic Theory*.

29. **Macro-Economics.** Professor Phillips. Michaelmas Term. For paper 1, *Economic Theory* and paper 2, *Methods of Economic Investigation*. Also for the general subject Economics and Econometrics, papers 1 and 2, *Quantitative Economics*.

30. **Economic Problems and Case Studies.** Professor Day, Mr. Steuer and others. Michaelmas and Lent Terms. For paper 1, *Economic Theory* and paper 2, *Methods of Economic Investigation*.

#### Courses for Papers 3 and 4

31. **Value Theory.** Dr. Mishan. Michaelmas and Lent Terms. For papers in the optional subject *Advanced Economic Theory*.

32. **Selected Topics in Advanced Economic Theory.** Dr. Ozga and others. Lent Term. For papers in the optional subject *Advanced Economic Theory*.

**Note:** Courses for Papers 3 and 4 in other optional subjects appear elsewhere in the Calendar.

##### M.Sc. (Econ.) General Subject Economics and Econometrics Courses for Papers 1 and 2

33. **Quantitative Economics.** Professor Phillips and Mr. Sargan. Sessional. For Papers 1 and 2, *Quantitative Economics*. Students should also attend Courses Nos. 26, 29 and 39.

## Courses for Papers 3 and 4

34. **Advanced Economic Analysis.** Dr. Ozga and others. Michaelmas and Lent Terms. For papers in the optional subject *Advanced Economic Analysis*.
35. **Econometrics.** Professor Phillips and Mr. Sargan. Michaelmas and Lent Terms. For papers in the optional subject *Econometrics*. Students should also attend Course No. 981.
- Note:** Students taking the optional subject *Mathematical Programming* are referred to Course No. 972.

## Other Graduate Courses in General Economics

36. **Topics in Welfare Economics.** Dr. Mishan. Six lectures, Lent Term. Optional for graduate students.
37. **Trends in Allocation in the Modern Economy.** Mr. Gervasi. Twelve lectures, Michaelmas and Lent Terms. Optional for graduate students.
38. **Elements of Games Theory.** Mr. Peston. Five lectures, Summer Term. Optional for graduate students.
39. **Seminar in Quantitative Economics.** Professor Phillips and Mr. Sargan. This seminar will be held fortnightly throughout the session. Admission will be by permission of Professor Phillips or Mr. Sargan.
40. **Mathematical Economics Seminar.** Mr. Foldes and Mr. Peston. A seminar will be held throughout the session for graduates in Economics and others interested. Admission by permission of Mr. Foldes or Mr. Peston.
41. **Economics Seminar.** A seminar will be held by Lord Robbins together with other members of the Economics Department. Admission will be strictly by permission of Lord Robbins, to whom applications should be addressed in writing before the end of the first week of the Michaelmas Term.
42. **The Economics of Education.** Professor Moser, Mr. Peston and Dr. Blaug will hold a fortnightly seminar throughout the session. This seminar is organised jointly by the London School of Economics and the Institute of Education and admission is by permission of Mr. Peston or Dr. Blaug.

## II. APPLIED ECONOMICS

46. **Applied Economics.** Professor Yamey. Eight lectures, Lent Term.  
Restricted to Intermediate LL.B. students.  
A syllabus will be given at the beginning of the course.
47. **The Structure of Industry.** Professor Yamey. Ten Lectures, Michaelmas Term.  
For Diploma in Personnel Management; optional for Diploma in Social Administration (First Year).  
**Syllabus.**—A survey of the main characteristics of industrial structure, and of the influences bearing on them.  
**Recommended reading.**—A reading list will be given during the course.
48. **Recent Economic Developments.** Professor Paish and Mr. Rose. Nine lectures, Michaelmas Term. (This course will not be given in the session 1964-65.)  
For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; IV 5a (Third Year); B.A. Honours in Philosophy and Economics (Third Year); and also for other students interested. For B.A. Honours in Geography—subsidiary subject of Economics (Second Year); Diploma in Personnel Management; graduate students. Optional for Diploma in Social Administration (Second Year).  
**Syllabus.**—Population. National Income. Industrial Production. Money, Prices and Interest Rates. Money Wages and Real Wages. Foreign Trade. Balance of Payments and Exchange Rates. Employment and Unemployment. Government Finance. Saving and Investment.  
**Recommended reading.**—A. J. Youngson, *The British Economy, 1920-1957*; W. A. Lewis, *Economic Survey, 1919-1939*; H. W. Arndt, *The Economic Lessons of the Nineteen-thirties; Report of the Royal Commission on Population, 1949* (Cmd. 7695); F. W. Paish, *Studies in an Inflationary Economy*; A. R. Prest, "National Income of the United Kingdom, 1870-1946" (*Economic Journal*, Vol. 58); A. L. Bowley (Ed.), *Studies in the National Income, 1924-1938*; G. D. N. Worswick and P. H. Ady (Eds.), *The British Economy in the Nineteen Fifties*; A. L. Bowley, *Wages, Earnings and Hours of Work, 1914-1947* (London and Cambridge Economic Service Special Memorandum No. 50); *London and Cambridge Economic Bulletin*, Supplement Dec. 1963, *Key Statistics of the British Economy, 1900-1962*; *Annual Financial Statements*; *National Income and Expenditure, 1963*; *United Kingdom Balance of Payments, 1960 to 1963* (Cmd.); U.K. Central Statistical Office, *Economic Trends* No. 113, Supplement, *Economic Report 1962*; N.E.D.C. Report, *Growth of the U.K. Economy to 1966*; *The Ministry of Labour Gazette*; *Board of Trade Journal*; *London and Cambridge Economic Service Bulletins*; *National Institute Review*.
49. **Some Topics in Applied Economics.** Dr. Byatt and Mr. Needleman. Nine lectures, Lent Term.  
For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; IV 5a (Third Year); B.A. Honours in Philosophy and Economics (Third Year).  
**Syllabus.**—Housing. Regional Problems. Transport. Agricultural Subsidies. Monopoly, Planning and Growth.

**Recommended reading.**—L. Needleman, "A Long Term View of Housing" (*National Institute Economic Review*, Nov. 1961); M. F. W. Hemming, "The Regional Problem" (*National Institute Economic Review*, Aug. 1963); National Economic Development Council, *Conditions Favourable to Faster Growth*, 1963; *Central Scotland: A Programme for Development and Growth*, 1963 (Cmnd. 2188); *The North East: A Programme for Regional Development and Growth*, 1963 (Cmnd. 2206); Ministry of Housing and Local Government, *The South-East Study*, 1964; C. D. Foster, *The Transport Problem*, 1963; J. R. Sargent, *British Transport Policy* 1958; J. R. Meyer et al., *The Economics of Competition in the Transportation Industries*, 1959; G. McCrone, *The Economics of Subsidising Agriculture*, 1962.

Further reading will be recommended during the course.

**50. Short-term and Long-term Interest Rates.** Professor Paish.  
Six lectures, Lent Term.

For B.Sc. (Econ.) Part II—special subject of Economics, Analytical and Descriptive (Third Year); B.A. Honours in Philosophy and Economics (Third Year); optional for B.Sc. (Econ.) Part II—*Business Finance*, I 8j; III 8c; also optional for special subject of Industry and Trade. For graduate students.

**Syllabus.**—Relationship between long-term and short-term rates on simplified assumptions. Progressive removal of assumptions: fulfilment of expectations; certainty of expectations; perfect creditworthiness; absence of costs; absence of marketability; unanimity of expectations; competitive market; free market; unified market. Expectations and the concept of normality; adjustment of the concept of normality. Changes in the general level of interest rates. Interest rates and the Quantity of Money. Long-term and short-term rates in the United Kingdom since 1890.

**Recommended reading.**—Reading will be recommended during the course.

**51. Economics of Industry and Trade.** Professor Yamey and Mr. Townsend. Thirty-six lectures, beginning in the Lent Term for second-year students and extending over four terms.

For B.Sc. (Econ.) Part II—*Industry and Trade*, I 8f; III 5; IV 5b.

**Syllabus.**—(a) The organisation of the allocation of resources: firms, markets, other institutions. Industry structure, market forms and market behaviour. The objectives of firms. The growth of firms. (b) The recent history, structure and problems of selected branches of industry and trade and of selected markets. (c) Public policy in relation to industry and trade. The objectives and techniques of public policy. The relevance of economic theory. Public policy relating to industrial location, innovation, investment, the structure of industry including monopolies and restrictive practices, government-owned enterprises, stabilisation of commodity prices, and export trade.

**Recommended reading.**—A detailed reading list will be available at the beginning of the course.

**52. Economics of Public Enterprise.** Mr. Foldes and Mrs. Sharp.  
Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—special subject of Industry and Trade (Third Year); optional for B.Sc. (Econ.) Part II—*Industry and Trade*, I 8f; IV 5b; *Business Administration*, IV 2b (Third Year).

**Syllabus.**—The special problems of Government-owned and Government-controlled enterprises, including compensation for compulsory purchase, control by Parliament and Government, methods of organisation, control of competition and the determination of prices.

**Recommended reading.**—On Organisation and Finance: (i) General: *Reports of the Select Committees on Nationalised Industries* (synopsis in H.C. 116, 1962); *The Financial Obligations of the Nationalised Industries* (Cmnd. 1337, 1961); *Control of Public Expenditure* (Cmnd. 1432, 1961); Annual White Papers on *Public Investment in Great Britain and Government Expenditure below the line*; L. P. Foldes, "The Control of Nationalised Industries" (*Public Law*, Spring, 1957); A. Nove, "The Problem of Success Indicators in Soviet Industry" (*Economica*, Feb. 1958). (ii) On Individual Industries: R. H. Coase, *British Broadcasting: A Study in Monopoly*; *Report of the Committee on Broadcasting* (Cmnd. 1753, 1962); National Coal Board, *Report of the Advisory Committee on Organisation*, Feb. 1955 and *Revised Plan for Coal* (1959); *Report of the Committee of Inquiry into the Electricity Supply Industry* (Cmnd. 9672, 1956), also *Government Proposals* (Cmnd. 27, 1956); *Report of the Committee on National Policy for the Use of Fuel and Power Resources* (Cmd. 8647, 1952); *A Programme of Nuclear Power* (Cmd. 9389, 1955); *The Second Nuclear Power Programme* (Cmnd. 2335, 1964); *Railway Reorganisation Scheme* (Cmd. 9191, 1954); British Transport Commission, *Proposals for the Railways* (Cmd. 9880, 1956); *Reorganisation of the Nationalised Transport Undertakings* (Cmnd. 1248, 1960); British Railways Board, *The Reshaping of British Railways* (1963); *Report of the Committee of Enquiry into London Transport*, 1955; *Reports of the Iron and Steel Board*; D. Burn, *The Steel Industry, 1939–59*; *The Status of the Post Office* (Cmnd. 989, 1960); J. Hirschleifer and others, *Water*; R. E. Caves, *Air Transport and its Regulators*; J. R. Sargent, *British Transport Policy*. See also recent legislation and Annual Reports of Public Corporations.

On Pricing and Investment: R. H. Coase, "The Economics of Uniform Pricing Systems" (*The Manchester School*, May, 1947); "The Marginal Cost Controversy" (*Economica*, Aug. 1946); W. A. Henderson, "The Pricing of Public Utility Undertakings" (*The Manchester School*, Sept. 1947); I. M. D. Little, *A Critique of Welfare Economics*; *The Price of Fuel*; G. Dessus, "The General Principles of Rate-fixing in Public Utilities" (*International Economic Papers* No. 1); J. Nelson (Ed.), *Marginal Cost Pricing in Practice*; R. G. Lipsey and K. Lancaster, "The General Theory of Second Best" (*Review of Economic Studies*, Vol. XXIV, No. 1); G. J. Ponsonby, "Towards a New Railway Charges Policy" (*Jnl. of the Institute of Transport*, Sept. 1954); L. P. Foldes, "Iron and Steel Prices" (*Economica*, Nov. 1956); P. Massé, *Optimal Investment Decisions*.

On Compensation: J. K. Eastham, "Compensation Terms for Nationalised Industry" (*The Manchester School*, Jan. 1948); R. H. Coase, "The Nationalisation of Electricity Supply in Great Britain" (*Journal of Land Economics*, Feb. 1950).

General Works: L. Gordon, *The Public Corporation in Great Britain*; W. A. Robson, *Nationalised Industry and Public Ownership*; J. R. Sleeman, *British Public Utilities*; H. S. Morrison, *Socialisation and Transport*; R. S. Edwards and H. Townsend, *Business Enterprise, its Growth and Organisation*; R. Kelf-Cohen, *Nationalisation in Britain*; A. H. Hanson (Ed.), *Nationalisation*; M. Shanks (Ed.), *The Lessons of Nationalisation*.

**53. Labour: Organisation and Relations.** Professor Phelps Brown.  
Ten lectures and ten classes, Lent Term.

For B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, III 6a.

**Syllabus.**—The working population: deployment and mobility. Trade union structure: some international comparisons. Methods of wage determination: collective bargaining; wages councils; public control of wages; public action to settle disputes. Scientific management and work study. Methods of wage payment. Problems of wage structure; job evaluation. Studies in motivation and morale. Joint consultation. Use or statistical sources for the working population, wage rates and earnings, the cost of living, labour turnover.

**Recommended reading.**—S. and B. Webb, *Industrial Democracy*; A. E. C. Hare, *The First Principles of Industrial Relations*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; H. S. Kirkaldy, "Industrial Relations in Great Britain" (*International Labour Review*, Vol. LXVIII, No. 6, Dec., 1953); P. Ford, *The Economics of Collective Bargaining*; B.P.P. 1953–54, *Report of a Court of Inquiry into a Dispute between employers and workmen in engineering* (Cmd. 9084); U.K. Ministry of Labour, *Industrial Relations Handbook* (1961 edn.); A. Flanders, *Trade Unions*; E. L. Wigham, *Trade Unions* (H.U.L.); B. C. Roberts, *Trade Union*



*Government and Administration in Great Britain*; P. H. Norgren, *The Swedish Collective Bargaining System*; Lloyd Ulman, "American Trade Unionism—Past and Present" in S. E. Harris (Ed.), *American Economic History*; W. Galenson, *Comparative Labor Movements*; Trades Union Congress, *Trade Union Structure and Closer Unity* (1944), *Trade Unions and Productivity* (1950); S. H. Slichter, J. J. Healy and E. R. Livernash, *The Impact of Collective Bargaining on Management*; L. G. Reynolds and C. H. Taft, *The Evolution of Wage Structure*; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain*; F. J. Bayliss, *British Wages Councils*; K. F. Walker, *Industrial Relations in Australia*; F. W. Taylor, *The Principles of Scientific Management*; W. Lloyd Warner and J. O. Low, *The Social System of the Modern Factory*; T. N. Whitehead, *The Industrial Worker*; F. J. Roethlisberger and W. J. Dickson, *Management and the Worker*; H. A. Landsberger, *Hawthorne Revisited*; S. Webb, *The Works Manager Today* (1917); D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Part I; I.L.O., *Introduction to Work Study*; J. J. Gracie, *A Fair Day's Pay*; C. W. Lyttle, *Wage Incentive Methods*; G. S. Walpole, *Management and Men*; E. Jaques, *The Changing Culture of a Factory*; H. A. Clegg, *A New Approach to Industrial Democracy*; P. Sargent Florence, *Labour*; U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics* (revised edition).

#### 54. Business Finance: Financial Institutions. Professor Paish. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Business Finance*, I 8j; III 8c (Third Year).

**Syllabus.**—The Stock Exchange; issuing houses; insurance companies; investment trusts; building societies; hire purchase finance; bank credit; finance of foreign trade; official and semi-official financial institutions.

**Recommended reading.**—F. W. Paish, *Business Finance*; A. C. L. Day, *Outline of Monetary Economics*; R. S. Sayers, *Modern Banking*; H. B. Rose, *The Economic Background to Investment*; F. Lavington, *The English Capital Market*; N. A. D. Macrae, *The London Capital Market*; F. W. Paish, *Studies in an Inflationary Economy*, Chaps. 12–14; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*, Parts 1 and 3; J. H. B. Tew and R. F. Henderson, *Studies in Company Finance*; Institute of Economic Affairs, *Not Unanimous*; *Report of the Committee on the Working of the Monetary System (Radcliffe Report, Cmnd. 827)*; N.I.E.S.R., *Company Income and Finance*, 1949–53; R. F. Henderson, *The New-Issue Market and the Finance of Industry*; M. S. Rix, *Stock Exchange Economics*; H. Wincott, *The Stock Exchange*; O. R. Hobson, *How the City Works*; F. W. Paish and G. L. Schwartz, *Insurance Funds and their Investment*; H. E. Raynes, *A History of British Insurance*; S. J. Lengyel, *Insurance Companies' Accounts*; L. G. Hodgson, *Building Societies*; Building Societies Association, *Reports of the Council*; R. Harris and A. Seldon, *Hire Purchase in a Free Society*; "Role of the Investment Trusts" (*The Economist*, 15 August, 1953, p. 467); C. O. H. Merriman, *Unit Trusts and How they work*; J. R. Cuthbertson, "Hire Purchase in the U.K." (*London and Cambridge Economic Service Bulletin*, No. 21, March, 1957); "Hire Purchase Controls and Fluctuations in the Car Market" (*Economica*, May, 1961); Industrial and Commercial Finance Corporation Ltd., *Annual Report 1962–63*.

The following may be used for reference: L. C. B. Gower, *The Principles of Modern Company Law*; F. E. Armstrong, *The Book of the Stock Exchange*; "National Income and Expenditure, 1963" (H.M.S.O.).

#### 55. Financing Problems of Business. Mr. Rose. Nine lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Business Finance*, I 8j; III 8c (Third Year). Optional for students taking Accounting as their special subject.

**Syllabus.**—Factors influencing the demand and supply functions for capital facing the firm; policy formation in the light of these functions; capital structure and gearing; the measurement and evaluation of investment projects; cyclical influences in the finance of the company sector.

**Recommended reading.**—F. W. Paish, *Business Finance*; H. Bierman and S. Smidt, *The Capital Budgeting Decision*; Ezra Solomon, *The Management of Corporate Capital*.

Further specialised reading will be given as the course proceeds.

#### 56. The Economics of Public Finance. Mr. Peston. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Public Finance*, I 3f or 8c; II 8d (Second Year); Diploma in Public Administration. Also for graduate students in public finance.

**Syllabus.**—Analysis of the economic effects of government fiscal and monetary policies, including: (i) Partial and general equilibrium analysis of various taxes and subsidies; incidence, progression, etc.; (ii) Fiscal policy and the control of the economy; (iii) Economic theory of the public economy and of public expenditures; (iv) Problems of federal finance. These topics will be treated both analytically and in relation to British institutions and current problems.

**Recommended reading.**—A. R. Prest, *Public Finance in Theory and Practice*; A. Williams, *Public Finance and Budgetary Policy*; H. Brittain, *The British Budgetary System*; G. D. N. Worswick and P. H. Ady (Eds.), *The British Economy in the Nineteen Fifties* (chaps. 8 and 10); *Control of Public Expenditure* (Cmnd. 1432); U. K. Hicks, *British Public Finance: Its Structure and Development, 1880–1952*; A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the United Kingdom*; *Committee on the Working of the Monetary System (the Radcliffe Report)* (Cmnd. 827); R. N. McKean, *Efficiency in Government through Systems Analysis*; O. Eckstein, "A Survey of the Theory of Public Expenditure Criteria" (N.B.E.R., *Public Finance: Needs, Sources and Utilization*); A. T. Peacock and J. Wiseman, *Public Expenditure: Appraisal and Control*; T. H. Caulcott, "The Control of Public Expenditure" (*Public Administration*, Autumn 1956); R. A. Musgrave, *The Theory of Public Finance*; J. M. Buchanan, *The Public Finances*; B. Hansen, *The Economic Theory of Fiscal Policy*; R. A. Musgrave and C. S. Shoup (Eds.), *Readings in the Economics of Taxation*; K. Philip, *Intergovernmental Fiscal Relations*; R. A. Musgrave and A. T. Peacock (Eds.), *Classics in the Theory of Public Finance*; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*; W. J. Baumol, *Welfare Economics and the Theory of the State*; P. A. Samuelson, "Diagrammatic Exposition of a Theory of Public Expenditures" (*Review of Economics and Statistics*, November, 1955); Royal Commission on the Taxation of Profits and Income, *Second Report* (Cmd. 9105) and *Final Report* (Cmd. 9474); N. Kaldor, *Expenditure Tax*; R. Turvey, "A Tax System Without Company Taxation" (*Lloyds Bank Review*, Jan. 1963); W. S. Vickrey, *Agenda for Progressive Taxation*; W. J. Blum and H. Kalven, *The Uneasy Case for Progressive Taxation*; H. C. Simons, *Personal Income Taxation*; K. Knorr and W. J. Baumol, *What Price Economic Growth*; A. R. Prest, *Reform for Purchase Tax* (Hobart Papers No. 8); Federation of British Industries, *Export Incentives*, 1962; R. Turvey, "Equity and a Capital Gains Tax" (*Oxford Economic Papers*, June, 1960); A. R. Ilesic, *The Taxation of Capital Gains*; A. C. Pigou, *A Study in Public Finance*; G. Myrdal, *The Political Element in the Development of Economic Theory*, Chap. VII; J. M. Buchanan, *Public Principles of Public Debt*; C. S. Shoup, "Debt Financing and Future Generations" (*Economic Journal*, Dec. 1962); A. R. Ilesic, *Relief for Ratepayers* (Hobart Papers No. 20); A. Morag, "Deflationary Effects of Outlay and Income Taxes" (*Journal of Political Economy*, June 1959); R. G. Lipsey and K. J. Lancaster, "The General Theory of Second Best" (*Review of Economic Studies*, December, 1956); F. W. Paish, "The Real Incidence of Personal Taxation" (*Lloyds Bank Review*, January, 1957); R. Turvey, "Some Notes on Multiplier Theory" (*American Economic Review*, June, 1953); W. J. Baumol and M. H. Peston, "More on the Multiplier Effects of a Balanced Budget" (*American Economic Review*, March, 1955); American Economic Association, A. Smithies and J. Keith (Eds.), *Readings in Fiscal Policy*; *Income, Employment and Public Policy: Essays in Honor of Alvin Hansen* (Chaps. by Samuelson, E. Cary Brown, Bishop and Musgrave); A. T. Peacock (Ed.), *Income Redistribution and Social Policy*; A. D. Scott, "A Note on Grants in Federal Countries" (*Economica*, November, 1950); J. M. Buchanan, "Federalism and Fiscal Equity" (*American Economic Review*, September, 1950); J. Wiseman, "The Future of Local Government Finance" (*Lloyds Bank Review*, July, 1957); D. Dosser, "Tax Incidence and Growth" (*Economic Journal*, September, 1961); F. Modigliani, "Long run implications of alternative fiscal policies and the burden of the National Debt" (*Economic Journal*, December, 1961); L. Einaudi, "On the Methodology of the Theory of Tax Capitalization" (*International Economic Papers*, Vol. 7); P. Streeten, "The Effect of Taxation on Risk-Taking" (*Oxford Economic Papers*, October, 1953); C. A. Hall and J. Tobin, "Income taxation, output and prices" (*Economia Internazionale*, February, 1956); C. Shoup, "Tax Tension and the

British Fiscal System" (*National Tax Journal*, March, 1961); P. H. Pearse, "Automatic Stabilization and the British Taxes on Income" (*Review of Economic Studies*, February, 1962).

Further references will be given during the course.

**57. Economic Aspects of British Social Services.** Mr. Peston. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Public Finance*, 1 3f or 8c; II 8d (Second or Third Year); for graduate students in public finance and related subjects. For Diploma in Public Administration.

**Syllabus.**—The nature of the important general economic issues raised by the provision of social services will be considered, and the conclusions will be used in the examination of aspects of particular British services.

**Recommended reading.**—N. P. Hall, *The Social Services of Modern England; Social Insurance and Allied Services* (Cmd. 6404); A. G. B. Fisher, *Economic Progress and Social Security*; A. T. Peacock, *The Welfare Society* (The Unservile State Papers, No. 2); J. H. Richardson, *Economic and Financial Aspects of Social Security*; R. M. Titmuss, *Problems of Social Policy*; W. Hagenbuch, *Social Economics*; R. A. Solo (Ed.), *Economics and the Public Interest*; A. M. Cartter, *The Redistribution of Income in Post-war Britain*; A. T. Peacock, *Income Redistribution and Social Policy*; B. de Jouvenel, *The Ethics of Redistribution*; E. Seligman, *Progressive Taxation in Theory and Practice*; W. J. Blum and H. Kalven, *The Uneasy Case for Progressive Taxation*; J. Wiseman, "The Government Pension Plan" (*London and Cambridge Economic Service*, March, 1959); J. Wiseman, "Pensions in Britain" (*Finanz Archiv*, 1959); F. W. Paish and A. T. Peacock, "Economics of Dependence, 1952-1982" (*Economica*, November, 1954); *Provision for Old Age* (Cmd. 538); *National Superannuation* (Labour Party, London); *Security for Our Pensioners* (Liberal Party, London); A. T. Peacock, *The Economics of National Insurance*; A. Seldon, *Pensions in a Free Society* (Institute of Economic Affairs); A. T. Peacock, "The Economics of National Superannuation" (*Three Banks Review*, September, 1957); J. Vaizey, *The Cost of Education*; J. Wiseman, "The Economics of Education" (*Scottish Journal of Political Economy*, February, 1959, and subsequent discussion); A. T. Peacock and J. Wiseman, "The Finance of State Education in the United Kingdom" (*Year Book of Education*, 1956); J. Wiseman, "The Future of Local Government Finance" (*Lloyds Bank Review*, July, 1957); B. Abel Smith and R. M. Titmuss, *The Cost of the National Health Service*; King Edward's Hospital Fund, *Report on Costing Investigation for the Ministry of Health*; Nuffield Provincial Hospitals Trust, *Report of an Experiment in Hospital Costing*; F. Roberts, *The Cost of Health*; J. P. Martin, *Social Aspects of Prescribing*; R. A. Kessel, "Price Discrimination in Medicine" (*Journal of Law and Economics*, October, 1958); W. Hagenbuch, "The Welfare State and its Finances" (*Lloyds Bank Review*, July, 1958); D. S. Lees, "The Economics of Health Services" (*Lloyds Bank Review*, April, 1960); W. C. Peterson, *The Welfare State in France*.

**58. The Economics of the Labour Market.** Professor Phelps Brown. Ten lectures, Lent Term.

For Diploma in Personnel Management; Diploma in Social Administration (First Year); optional for Diploma in Social Administration (One Year Course).

**Syllabus.**—The forces that bear upon the fixing of rates of pay for particular jobs: custom, status, job evaluation, supply and demand, bargaining power. Methods of wage payment: work study; incentives. The movement of the general level of rates of pay in money; effects of full employment. The determination of real wages: the distribution of the product.

**Recommended reading.**—L. G. Reynolds, *Labor Economics and Labor Relations*, Part II; P. Ford, *The Economics of Collective Bargaining*; E. H. Phelps Brown, *The Economics of Labor*, chaps. 5-7; D. J. Robertson, *Factory Wage Structure and National Agreements*; I.L.O., *Introduction to Work Study*; J. J. Gracie, *A Fair Day's Pay*.

**59. Agricultural Economics.** Mr. Joy. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Agricultural Economics*, I 8g (Third Year); recommended for graduate students.

**Syllabus.**—The theory of the firm applied to problems of farm decision making especially with regard to farm resource allocation, choice of product, intensity of operation, scale, investment and conservation; the elements of programming will be introduced and consideration given to the implications of uncertainty.

Supply analysis in agriculture.

The influence of agricultural institutions on farming patterns with special reference to land tenure, credit, co-operation and marketing.

The structure and composition of U.K. agriculture compared to other countries—advanced and backward.

Agriculture in the national economy—its role in different stages of economic development. Agricultural policy issues in the U.K. and abroad. International problems of commodity marketing and surplus disposal.

**Recommended reading.**—PRODUCTION ECONOMICS: C. E. Bishop and W. D. Toussaint, *Introduction to Agricultural Economic Analysis*; E. O. Heady and W. Candler, *Linear Programming Methods*; E. O. Heady and H. R. Jensen, *Farm Management Economics*; E. O. Heady et al. (Eds.) *Economic and Technical Analysis of Fertilizer Innovation and Resource Use*; E. O. Heady and J. Dillon, *Agricultural Production Functions*; E. O. Heady et al. (Eds.), *Resource Productivity, Returns to Scale and Farm Size*; A. D. Scott, *Natural Resources: The Economics of Conservation*; W. W. Yang, *Methods of Farm Management Investigation*.

SUPPLY ANALYSIS: E. O. Heady et al. (Eds.), *Agricultural Supply Functions*; R. L. Mighell and J. D. Black, *Interregional Competition in Agriculture*; G. G. Shepherd, *Agricultural Price Analysis* (5th edn.); G. G. Shepherd, *Marketing Farm Products* (4th edn.); F. L. Thomsen and R. J. Foote, *Agricultural Prices*; M. Nerlove, *Dynamics of Supply*.

INSTITUTIONS: H. Belshaw, *The Provision of Credit*; H. Belshaw, *Agricultural Credit in Economically Underdeveloped Countries* (F.A.O. Agricultural Studies, No. 46); U.N., *Rural Progress Through Co-operatives*; G. R. Allen, *Agricultural Marketing Policies*; J. C. Abbott, *Marketing Problems and Improvement Programs* (F.A.O. Marketing Guides, No. 1); F. V. Waugh, *Readings on Agricultural Marketing*; F. A. O., *The Role of Marketing Boards for Export Crops in Developing Countries*.

STRUCTURE: *The Agricultural Register*; I.C.I., *Agriculture in the British Economy*; D. Burn (Ed.), *The Structure of British Industry* (Chapter on Agriculture by J. R. Raeburn); U.N., *The State of Food and Agriculture*.

AGRICULTURE IN THE NATIONAL ECONOMY: E. M. Ojala, *Agriculture and Economic Progress*; T. W. Schultz, *The Economic Organisation of Agriculture*.

AGRICULTURAL POLICY: E. O. Heady et al. (Eds.), *Adjustments in Agriculture*; E. O. Heady, *Agricultural Policy Under Economic Development*; G. McCrone, *The Economics of Subsidising Agriculture: A Study of British Policy*; E. H. Whetham, *A Record of Agricultural Policy*; F.A.O., *An Enquiry into the Problems of Agricultural Price Stabilization and Support Policies*; F.A.O., *Functions of a World Food Reserve* (Commodity Policy, Study No. 10); F.A.O., *Agricultural Programming*.

The above books are suggested for selective reading. More specific references to these works will be offered during the course. Articles will also be recommended mainly from the following journals: *Journal of Farm Economics*; *Stanford Food Research Institute Studies*; *Journal of Agricultural Economics* and *The Farm Economist*.

**62. Public Finance (Class).** A weekly class will be held during the Lent Term for candidates taking the Public Finance option in the B.Sc. (Econ.) Part II examinations.

63. **Business Finance (Class).** Mr. Rose will hold a series of classes for those B.Sc. (Econ.) Part II third-year students who are taking the optional subject of Business Finance.
64. **Industry and Trade Class.** Professor Sir Arnold Plant and Mrs. Sharp will conduct a class for students taking the special subject of Industry and Trade in Part II of the B.Sc. (Econ.).
65. **Economics of Industry Classes.** Professor Yamey and others will hold a series of classes for B.Sc. (Econ.) Part II students taking the special subject of Industry and Trade or the optional paper Industry and Trade in the special subjects of Economics, Analytical and Descriptive, and Accounting.
66. **Problems of Applied Economics.** A class will be held in the Summer Term for second-year students and in the Michaelmas and Lent Terms for third-year students taking B.Sc. (Econ.) Part II, *Problems of Applied Economics*, I 5; II 5; IV 5a.

#### For Graduate Students

70. **Finance (Seminar).** Professor Paish will conduct a seminar for graduate students of Public Finance, Business Finance and related subjects. The seminar will be held fortnightly during the Michaelmas and Lent Terms and admission will be by permission of Professor Paish.
71. **Seminar in Labour Problems.** Professor Phelps Brown, Professor Roberts and Mr. Steuer will hold a seminar throughout the session, on problems of the economics of labour and industrial relations. Admission will be by permission of Professor Phelps Brown, Professor Roberts and Mr. Steuer.
72. **Mathematical Programming in Agriculture.** Mr. Joy and others. Fifteen lectures and fifteen classes, Michaelmas and Lent Terms.

For graduate students. (See also Courses Nos. 970, 971 and 972.)

**Syllabus.**—The course is designed primarily for those interested in the practical application of quantitative analytical techniques to agricultural problems. Emphasis will be on linear programming and its computational aspects. The extension of linear programming into parametric, stochastic and integer formulations will be considered, together with quadratic and dynamic programming. Interest will centre on the formulation and solution of practical problems in these terms. Students will be required to carry out class work assignments.

**Recommended reading.**—The basic text will be E. O. Heady and W. V. Candler, *Linear Programming Methods*.

Further references will be given as the course proceeds.

73. **The Economics of Labour (Seminar).** Professor Phelps Brown and Mrs. Marquand will hold a weekly seminar in the Summer Term on movements of the general level of money and real pay, and the determination of the rates of pay in particular jobs. The seminar will be mainly for graduate students; admission will be by permission of Professor Phelps Brown or Mrs. Marquand.

### III. MONETARY ECONOMICS

80. **Sources of Current Economic Statistics.** Mr. Alford. Five classes, Summer Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Second Year).

**Syllabus.**—The use of the main sources of statistical information on national income, the balance of payments, Exchequer financing, etc.

**Recommended reading.**—Reference may be made to R. F. G. Alford, "The U.K. Economic Position—a Guide to the Sources" (*Bankers' Magazine*, March, 1963). Further references will be given during the course.

81. **English Monetary History since 1914.** Dr. Pressnell and Mr. Rose. Ten lectures, Michaelmas Term. (This course will not be given in the session 1964-65.)

For B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Third Year). Recommended for graduate students.

**Recommended reading.**—J. H. Clapham, *The Bank of England*; R. G. Hawtrey, *A Century of Bank Rate*; T. E. G. Gregory, *Select Statutes, Documents and Reports; Report of the Committee on Finance and Industry* (Cmd. 3897, 1931); E. V. Morgan, *Studies in British Financial Policy, 1914-25*; E. Nevin, *The Mechanism of Cheap Money*; R. S. Sayers, *Central Banking after Bagehot*; *Financial Policy, 1939-45*; Sir Henry Clay, *Lord Norman*; L. V. Chandler, *Benjamin Strong*.

82. **U.S.A. Monetary Institutions since 1914.** Lecturer to be announced. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Third Year). Recommended for graduate students.

83. **International Monetary Experience.** Dr. Pressnell. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Third Year). Recommended for graduate students.

**Syllabus.**—The pre-1914 gold standard. The restoration of currencies after the first world war; co-operation between central banks; the new gold standard; collapse and crisis 1929-31. Fluctuations during the 1930's; stabilisation accounts; the gold bloc; exchange control. The Tripartite agreement. The development of the sterling area. The Bretton Woods agreements; the post-war dollar shortage; the European Payments Union and other temporary arrangements after 1945; the movement towards convertibility. The operations of the International Monetary Fund. Problems of international liquidity. Euro-Currency markets. The Basle arrangements of 1961 and subsequent developments.

**Recommended reading.**—A. I. Bloomfield, *Monetary Policy under the International Gold Standard, 1880-1914*; A. G. Ford, *The Gold Standard, 1880-1914*; League of Nations,

*International Currency Experience* and annual *Monetary Reviews*; H. Clay, *Lord Norman*; L. V. Chandler, *Benjamin Strong*; H. W. Arndt, *Economic Lessons of the Nineteen-thirties*; R. S. Sayers, *Financial Policy, 1939-45*; R. N. Gardner, *Sterling-Dollar Diplomacy*; R. F. Harrod, *The Life of John Maynard Keynes*; *Proposals for an International Clearing Union* (Cmd. 6437, 1943); *United Nations Monetary and Financial Conference (Bretton Woods)* (Cmd. 6546, 1944); *Financial Agreement (U.S. Loan)* (Cmd. 6708, 1945); P. W. Bell, *The Sterling Area in the Post-war World*; J. H. B. Tew, *International Monetary Co-operation* (1963 edn.); R. Triffin, *Gold and the Dollar Crisis*; *Report of the U.K. Committee on the Working of the Monetary System with Oral and Written Evidence (Radcliffe Report)* (Cmd. 827, 1959); International Monetary Fund, *Annual Reports, Staff Papers, International Financial Statistics*; Bank for International Settlements, *Annual Reports*; Federal Reserve Bulletin, half-yearly reports on Foreign Exchange Operations, from Sept. 1962; United Nations, *International Capital Movements During the Inter-war Period* (1949, II D.2).

**84. Central Banking.** Dr. Pressnell. Ten lectures, Lent Term.

For graduate students. Optional for B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Third Year).

**Syllabus.**—Principles and problems of central banking. The history of central banking, particularly in Britain and the U.S.A. Relationships between central banks and governments. Central banking in underdeveloped countries; currency boards; new central banks. The principal means of implementing monetary policy. Money markets. Official and semi-official credit institutions. International co-operation between central banks.

**Recommended reading.**—H. Thornton, *An Enquiry into the Paper Credit of Great Britain* (1802, Ed. F. A. Hayek 1939); W. Bagehot, *Lombard Street*; R. Triffin, "Central Banking and Monetary Management in Latin America" in S. E. Harris (Ed.), *Economic Problems of Latin America*; M. H. de Kock, *Central Banking*; Federal Reserve System, *Purposes and Functions* (1963 edn.); R. S. Sayers, *Central Banking after Bagehot*; R. S. Sayers (Ed.), *Banking in Western Europe*; R. S. Sayers (Ed.), *Banking in the British Commonwealth*; Bank for International Settlements, *Eight European Central Banks*; H. V. Prochnow (Ed.), *The Federal Reserve System*; L. S. Ritter, "Official Central Banking Theory in the U.S., 1939-61" (*Journal of Political Economy*, Feb. 1962); G. Davies (Ed.), *Central Banking in South and East Asia*; *Report of the Royal Commission on Banking and Finance* (Canada 1964); J. Aschheim, *Techniques of Monetary Control*; E. Nevin, *Capital Funds in Underdeveloped Countries*; S. N. Sen, *Central Banking in Underdeveloped Money Markets*; *Report of the U.K. Committee on the Working of the Monetary System with Oral and Written Evidence (Radcliffe Report)* (Cmd. 827, 1959); Bank for International Settlements, *Annual Reports*.

Annual Reports and periodical publications of central banks, e.g. those of the Bank of England, the Federal Reserve System, the Federal Reserve Bank of New York, the Bank of Canada, Reserve Bank of India and the Netherlands Bank.

Amongst periodical publications, reference should be made in particular to *The Banker* and the *Banca Nazionale del Lavoro Quarterly Review*.

**85. Monetary Analysis.** Mr. Alford. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Second Year). Recommended for graduate students.

**Syllabus.**—The flow-of-funds approach. Banks and other financial intermediaries. Monetary Policy.

**Recommended reading.**—*Report of the U.K. Committee on the Working of the Monetary System (Radcliffe Report)* (Cmd. 827, 1959); *Bank of England Quarterly Bulletin*, current numbers. Other references will be given as the course proceeds.

**85(A). Monetary Analysis (Class).** Mr. Alford. Five classes, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Third Year). Recommended for graduate students.

**86. Theory of International Monetary Economics.** Professor Day. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Third Year). Recommended for graduate students.

**87. Monetary Institutions (Seminar).** Mr. Rose will hold a weekly seminar in the Michaelmas Term for B.Sc. (Econ.) Part II second-year students specialising in Monetary Economics.

**88. Monetary Economics (Seminar A).** Professor Day and Mr. Alford will hold a seminar for B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Second Year). The seminar will be held for one-and-a-half hours weekly during the Summer Term.

**89. Monetary Economics (Seminar B).** Professor Day, Dr. Pressnell and Mr. Alford will hold a seminar for B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Third Year), for one-and-a-half hours weekly during the Michaelmas and Lent Terms.

**90. Advanced Monetary Economics (Seminar).** Professor Day will hold a seminar for selected graduate students throughout the session. Admission will be strictly by permission of Professor Day to whom written applications must be addressed.

**91. Monetary Theory (Class).** A class will be held weekly in the Michaelmas and Lent Terms, beginning in the third week of the Michaelmas Term, for students taking the B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Third Year).

**92. International Monetary Economics (Class).** A series of ten classes of one hour each will be held in the Lent Term in connection with course 86.

Reference should also be made to the following course:—

No. 13.—*The Development of Economic Analysis*.

**IV. INTERNATIONAL ECONOMICS, REGIONAL STUDIES AND ECONOMIC DEVELOPMENT**

**102. International Economics.** Mr. Steuer. Twenty-five lectures, beginning in the Summer Term for second-year students and continuing during the Michaelmas and Lent Terms for third-year students.

For B.Sc. (Econ.) Part II—*International Economics*, I 8e; II 8b. The first five lectures in Summer Term are also for *Economic Principles*, I 4; II 4; III 1; IV 4; IX 1a; X 1a, and B.A. Honours in Philosophy and Economics (Second Year).

**Syllabus** and **recommended reading** will be given at the beginning of the course.

## For Graduate Students

**103. International Trade Statistics and the Structure of International Trade.** Professor Devons. Five lectures, Lent Term.

**Syllabus.**—The main sources of international trade statistics and payments. The structure of world trade. Recent trends in international trade. Price movements and the terms of trade.

**Recommended reading.**—United Nations, G.A.T.T., E.C.E., O.E.C.D. publications and reports.

**104. Current Topics in International Trade Policy.** Professor Devons. Five lectures, Lent Term.**105. International Trade.** Dr. Makower. Fifteen lectures, Michaelmas and Lent Terms.

**Syllabus.**—This course will deal with the theory of international trade, emphasising the real as distinct from monetary factors. The theory will be considered in relation to conditions where there are diverse factors of production, where there are imperfect factor and commodity markets, and where there are dynamic changes in production and demand conditions.

**Recommended reading.**—J. E. Meade, *The Theory of International Economic Policy*, Vol. 2, *Trade and Welfare*; D. Ricardo, *Principles of Political Economy and Taxation*, chap. 7; H. S. Ellis and L. A. Metzler (Eds.), *Readings in the Theory of International Trade*; H. G. Johnson, *International Trade and Economic Growth*, Parts 1 and 2; J. E. Meade, *The Theory of Customs Unions*; H. Makower and G. Morton, *A Contribution to the Theory of Customs Unions*; K. Lancaster, "The Heckscher-Ohlin Trade Model" (*Economica*, Feb. 1957); K. Lancaster, "Protection and Real Wages: A Re-statement" (*The Economic Journal*, June 1957); A. H. Land, "Factor Endowments and Factor Prices" (*Economica*, May 1959); R. G. Lipsey, "The Theory of Customs Unions: A General Survey" (*The Economic Journal*, Sept. 1960); A. P. Lerner, "The Symmetry between Import and Export Taxes" (*Economica*, Aug. 1936); W. M. Corden, "Economic Expansion and International Trade" (*Oxford Economic Papers*, June 1956); H. R. F. Harrod and D. C. Hague (Eds.), *International Trade Theory in a Developing World*, chap. 7; J. E. Meade, *A Geometry of International Trade*; T. M. Rybczynski, "Factor Endowment and Relative Commodity Prices" (*Economica*, Nov. 1955).

**106. The Economics of Poor Countries and of their Development.** Professor Bauer and Dr. Mazumdar. Twenty lectures, Michaelmas and Lent Terms.

Also suitable for undergraduates.

**Syllabus.**—The relevance and limitations of economics. Characteristics of poor economies. Issues of concept and measurement. The vicious circle of poverty. Aspects of change. The growth of population. Aspects of the supply of labour and of the labour market, including unemployment and under-employment. Balanced and unbalanced growth. Some aspects of agriculture. Industrialisation. International trade and development. Some specific issues of policy.

**Recommended reading.**—W. A. Lewis, *The Theory of Economic Growth*; R. Nurkse, *Problems of Capital Formation in Underdeveloped Countries*; J. Viner, *International Trade and Economic Development*; B. F. Hoselitz (Ed.), *The Progress of Underdeveloped Areas*; A. O. Hirschman, *The Strategy of Economic Development*; P. T. Bauer and B. S. Yamey, *The Economics of Underdeveloped Countries*; G. M. Meier and R. E. Baldwin, *Economic Development*; A. D. Knox, "Problems of Economic Growth in the Underdeveloped Countries" (*Bankers' Magazine*, January, 1961); A. N. Agarwala and S. P. Singh (Eds.), *The Economics*

*of Underdevelopment*; P. T. Bauer, *Economic Analysis and Policy in Underdeveloped Countries*; E. H. Phelps Brown, *The Economics of Labor*; A. K. Cairncross, *Factors in Economic Development*; S. Enke, *Economics for Development*; S. H. Frankel, *The Economic Impact on Underdeveloped Societies*; A. R. Prest, *Public Finance in Underdeveloped Countries*; B. H. Higgins, *Economic Development*.

Further references will be given during the lectures.

**107. Economic Planning in Developing Countries.** Mr. Cassen and Mr. Joy. Eighteen hours, Sessional.

Classes will be associated with the course and admission to them will be by application only.

**Syllabus.**—After an introduction to the generality of planning problems in developing countries, the lectures will examine certain techniques of economics useful to planning, e.g. input-output analysis, linear programming and methods of project evaluation. Amongst subjects normally covered in such a course, particular attention will be given to agriculture.

**Recommended reading.**—Acquaintance with standard textbooks on economic development will be assumed. A bibliography to cover background knowledge of the subject of planning and the countries in question will be provided during the lectures.

**108. The Soviet Economy and Soviet Economics.** Dr. Zauberman. Twelve lectures, Michaelmas and Lent Terms.

Also suitable for undergraduates interested in this subject.

**Syllabus.**—How the Soviet economy works. The basic structure of the economy. The state enterprise. Collective farms. State planning and administrative organs. Labour and wages. Public finance. Political direction and economic decisions. The priority of growth.

Development of Soviet economic theory. Value and prices. Managerial incentives and the profit motive. Investment criteria. Rationality in a planned economy in the light of Soviet experience.

**Recommended reading.**—A bibliography will be recommended in the course of the lectures.

**109. The Development of Soviet Planning Instruments and Techniques.** Dr. Zauberman. Eight lectures, Lent and Summer Terms.

**Syllabus.**—This course will deal with the development of Soviet planning instruments and techniques since the 1920's with special reference to the use of mathematics and econometrics in planning. Special attention will also be paid to recent developments in Soviet economics, including some models of planned growth.

**Recommended reading.**—E.C.E., U.N., "A Note on the Introduction of Mathematical Techniques into Soviet Planning" (*Economic Bulletin for Europe*, No. 1, 1960); M. C. Kaser, "The Nature of Soviet Planning" (*Soviet Studies*, October, 1962); O. Lange, *Introduction to Econometrics*; H. Levine, "Input-output Analysis and Soviet Planning" (*American Economic Review*, May, 1962); V. S. Nemchinov, "Some Aspects of the Balance-Sheet Method as Applied in the Statistics of Interdependent Dynamic Economic Systems" (*Bulletin de l'Institut International de Statistique*, 1960); "The Interindustry Production and Distribution Balance Sheet as a Macro-Economic Model of Optimal Programming" (*Bulletin de l'Institut International de Statistique*, 1961); "The Use of Statistical and Mathematical Methods in Soviet Planning" in T. Barna (Ed.), *Structural Interdependence and Economic Development*; A. Nove, *The Soviet Economy*, Pt. II; N. Spulber, *The Soviet Economy*, chaps. 2, 3; P. J. D. Wiles, *The Political Economy of Communism*, Pt. II; A. Zauberman, "New Winds in Soviet Planning" (*Soviet Studies*, July 1960); "The Present State of Soviet Planometrics" (*Soviet*

*Studies*, July 1962); "The Soviet and Polish Quest for a Criterion of Investment Efficiency" (*Economica*, August, 1962); "A Few Remarks on a Discovery in Soviet Economics" (*Bulletin of the Oxford University Institute of Statistics*, No. 4, 1962); G. Grossman, "Notes for a Theory of Command Economy" (*Soviet Studies*, Oct. 1963); H. Hallaraker, "Soviet Discussion on Enterprise Incentives and Methods of Planning" (*Economics of Planning*, No. 1, 1963); J. Kornai and T. Liptak, "A Mathematical Investigation of some Economic Effects of Profit Sharing in Socialist Firms" (*Econometrica*, Jan. 1962); T. Kronsjo, "Iterative Pricing for Planning Foreign Trade" (*Economics of Planning*, No. 1, 1963); O. Lukacs et al. (Eds.), *Input-Output Tables* (Hungarian Academy of Sciences, 1962); J. M. Montias, *Central Planning in Poland*; J. Mycielski, K. Rey and W. Trzeciakowski, "Decomposition and Optimisation of Short-Run Planning in a Planned Economy" in T. Barna (Ed.), *Structural Interdependence and Economic Development*; M. Morishima and F. Seton, "Aggregation in Leontief Matrices and the Labour Theory of Value" (*Econometrica*, April 1961); A. Wakar and J. Zielinski, "Socialist Operational Price Systems" (*American Economic Review*, March 1963); A. Zauberman, "The Criterion of Efficiency of Foreign Trade in Soviet-Type Economies" (*Economica*, Feb. 1964).

**110. Latin American Economic Development.** Mr. Díaz-Rey.  
Nine lectures, Michaelmas Term at University College.

**Syllabus.**—The demographic situation and its impact on development: the nature of the increase in the rate of population growth; rural-urban imbalances; the economics of the age-composition and of the structure of employment.

Agriculture: the internal sector as a deterrent to balanced development; the external sector and the deterioration of the terms of trade.

Industrialisation: import substitution and external vulnerability; the manpower flow and the absorptive capacity constraints. Economic integration: the Latin American Free Trade Area; the Central American Common Market.

The process of development and the supply and use of resources: GNP and imports; consumption, domestic capital formation and exports; input-output analysis, productivity and ICOR; the structural approach to inflation; planning, growth and stability.

**Recommended reading.**—A bibliography will be circulated during the course of the lectures.

**111. Seminar on International Trade.** Professor Devons, Dr. Makower and Mr. Steuer. Admission will be restricted to graduate students working on this subject. Those wishing to attend should write to Dr. Makower.

**112. Seminar in International Economics.** (a) Mr. Shaffer will hold a weekly seminar throughout the session for first-year M.Sc. (Econ.) students. (b) Mr. Steuer and Mr. J. J. Thomas will hold a weekly seminar throughout the session for second-year M.Sc. (Econ.) students.

**113. Seminar on the Economics of Poor Countries.** Professor Bauer and Dr. Mazumdar will hold a seminar in the Michaelmas and Lent Terms in conjunction with Course No. 106. Admission will normally be restricted to graduate students working in this field and will be by permission of Professor Bauer, to whom application should be made in writing.

**114. Agricultural Economics—Aspects of Policy in Developed and Underdeveloped Countries (Seminar).** Mr. Joy. Lent and Summer Terms.

- (a) Lent Term. Underdeveloped countries.  
(b) Summer Term. Developed countries.

**115. Agricultural Economics—Theory and Research Seminar.** Mr. Joy. Michaelmas and Lent Terms.

- (a) Michaelmas Term. Economic theory in relation to agriculture.  
(b) Lent Term. Research method in agricultural economics.

**116. Economic Problems of the Communist World.** Dr. Zauberman will hold a seminar throughout the session. Admission will be strictly by permission of Dr. Zauberman.

**117. Seminar on Economic Problems of the Middle East.** Dr. Penrose and Mr. O'Brien will hold a seminar throughout the session at the School of Oriental and African Studies. Admission will be by permission of Dr. Penrose or Mr. O'Brien.

**118. Economics and Politics of the International Petroleum Industry.** Dr. Penrose and Dr. Odell will hold a fortnightly seminar in the Lent and Summer Terms. The seminar will be held at the London School of Economics in the Lent Term and at the School of Oriental and African Studies in the Summer Term when special emphasis will be placed on the operations of the industry in Asia and Africa. Admission will be by permission of Dr. Penrose or Dr. Odell.

**119. Seminar on Economic Problems in Latin America.** Mr. Díaz-Rey will hold a seminar at University College, fortnightly throughout the session. Admission will be by permission of Mr. Díaz-Rey.

**120. Economics and Politics of China.** Dr. Walker and Mr. Howe will hold a research seminar fortnightly throughout the session at the School of Oriental and African Studies. The seminar is open only to those with some knowledge of Chinese and is by permission of Dr. Walker to whom application should be made in writing.

**121. Economic Development in Japan.** Dr. Broadbridge will hold a seminar fortnightly throughout the session at the School of Oriental and African Studies. Admission is by permission of Dr. Broadbridge to whom application should be made in writing.

## V. BUSINESS ADMINISTRATION AND ACCOUNTING

### 125. Business Administration: The Organisation of Business Enterprises and Problems of Business Policy. Mr. Foldes and Professor Yamey. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Business Administration*, III 4; IV 2b (Third Year); and for Diploma in Personnel Management.

**Syllabus.**—The lectures will include the following topics:—The purpose and structure of business organisation, both inside and outside the business unit; a comparison of practice as regards organisation in the principal branches of business enterprise.

The special features of the organisation and of the administrative and economic problems of large-scale businesses:—The delegation of functions, the allocation of responsibility and the machinery of control. The specialised forms of organisation within the business unit for (a) management and the determination of business policy, (b) purchasing, (c) manufacturing, (d) finance, (e) selling, (f) recruitment, promotion and retirement of staff.

Buying, financing and selling policy in various conditions of the market, with special reference to the price problems of industrialists and wholesale and retail traders.

The effects of predictable and non-predictable variations in demand and supply on the operation of a business.

Trade associations and Government policy.

**Recommended reading.**—Detailed references to books will be made as the course proceeds.

### 126. Some Problems in Business Administration. Mr. J. R. Gould. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Business Administration*, III 4; IV 2b (Third Year).

**Syllabus.**—Each lecture will be concerned with the analysis of a specific business problem, for example, internal pricing, make or buy.

**Recommended reading.**—References will be given during the course.

### 132. Economics for Engineers and Applied Scientists.

The object of this course is to provide an introductory knowledge of economics with particular reference to industry and business generally. It is intended primarily for university students of science and engineering who have completed, or are completing, their first degree work.

**Syllabus.**—

(a) The Structure of Industry. (For detailed syllabus see course No. 47.) Professor Yamey. Michaelmas Term.

(b) The Economics of the Labour Market. (For detailed syllabus see course No. 58.) Professor Phelps Brown. Lent Term.

(c) Business Organisation and Finance: the forms of business enterprise—firms, companies, etc.; the sources of finance and forms of capitalisation; the functions and limitations of accounting; the behaviour of security prices. Mr. Rose. Michaelmas Term.

(d) Economic Analysis and its Applications: this course will introduce the principles of economics. Mr. Peston and Mr. Gould. Michaelmas and Lent Terms.

(e) Industrial History. (For detailed syllabus see course No. 268.) Dr. Coleman. Lent Term.

Selected graduate students from this course will be admitted to the evening seminar on Problems in Industrial Administration (see course No. 162), conducted by Professor Sir Ronald Edwards.

Supplementary lectures in the economics of labour, accounting, business finance, etc., will be recommended for those students who are able to devote additional time to the course.

### 133. Accounting I. Professor Edey. Nine lectures and nine classes (two hours per week), Michaelmas Term. (This course will be given in the day only in the session 1964-65.)

For B.Sc. (Econ.) Part II (Second year)—*Accounting*, IV 7 and 8; *Economic Statistics and Business Accounts*, III 3; IV 3; *Accounting—Management and Economic Aspects*, I 3b; II 3b; III 8a; X 6 and 7a; *Data Processing including Elements of Accounting*, X 6 and 7b; also for Diploma in Operational Research.

**Syllabus.**—The balance sheet and the profit and loss account. Assets and finance. Principles of double-entry book-keeping. Accounting valuation concepts and their relation to economic reality. Introduction to sources of accounting information. The interpretation of accounting reports.

**Recommended reading.**—H. C. Edey, *Business Budgets and Accounts*, Chapters 1 and 2; *Introduction to Accounting*. Reference may also be made to W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*.

### 134. Accounting Ila. Professor Edey and Mr. Bird. Eleven lectures and sixteen classes, Lent and Summer Terms. (This course will be given in the day only in the session 1964-65.)

For B.Sc. (Econ.) Part II (Second Year)—*Accounting*, IV 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3b; III 8a; X 6 and 7a; Diploma in Operational Research.

**Note.** Accounting I (Course No. 133) is a prerequisite for Accounting Ila.

**Syllabus.**—Short historical survey of company accounting. Company reports and finance: accounting valuation concepts and their economic significance; capital structure; reconstructions and amalgamations; consolidated accounts; price level adjustments; the treatment of income and profits tax in company accounts. The course will include work in the use of compound interest and annuity tables.

**Recommended reading.**—The works mentioned under Accounting I, Course No. 133; S. W. Rowland, *Principles of Accounting*; F. W. Paish, *Business Finance*; R. J. Chambers, *Accounting and Action*. Reference may be made to *The Companies Act, 1948*; *Report of the Company Law Committee* (Cmd. 1749, 1962); H.M.S.O. 1960-62, *Minutes of Evidence taken before the Company Law Committee*; U.S. Government, *Reports of the Securities and Exchange Commissions*; and for compound interest, D. W. A. Donald, *Compound Interest and Annuities Certain*; W. Lundie, *Elementary Theory of Finance*.

### 135. Accounting Iib. Mr. Flower. Ten lectures with classes, Lent Term.

For B.Sc. (Econ.) Part II (Second Year students)—*Accounting*, IV 7 and 8; *Data Processing including Elements of Accounting*, X 6 and 7b.

**Note.** Accounting I (Course No. 133) is a prerequisite for Accounting Iib.

**Syllabus.**—Data processing and book-keeping. Systems.

(a) Further work on problems of double-entry book-keeping with particular reference to the recording of different types of transaction.

(b) The organisation of accounting systems, including the application of mechanical and electronic methods to the production of double-entry records and other accounting information including costing data.

**Recommended reading.**—H. Bierman, *Financial and Managerial Accounting*; R. H. Robnett, I. M. Hill and J. A. Beckett, *Accounting, A Management Approach*; J. M. Sandford Smith, *Punched Cards*; T. W. McRae, *Introduction to Business Computer Programming*.

- 136. Accounting IIIa.** Professor Baxter. Ten lectures and twelve classes, Michaelmas and Lent Terms. If there is sufficient demand, tutorial arrangements may be made for evening students.

For B.Sc. (Econ.) Part II (Third Year)—*Accounting*, IV 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3b; III 8a; X 6 and 7a; Diploma in Operational Research.

**Note.** Accounting IIa (Course No. 134) is a prerequisite for Accounting IIIa.

**Syllabus.**—Cost analysis for decision making; the limitations of cost accounting data. Budgetary planning and control. Capital budgets, including work with compound interest. Revenue and expenditure budgets. Cost control. Standard costs. Cost collection systems.

**Recommended reading.**—H. C. Edey, *Business Budgets and Accounts*; D. Solomons (Ed.), *Studies in Costing*; H. Bierman and S. Smidt, *The Capital Budgeting Decision*. Reference may be made to Russell Matthews, *Accounting for Economists*; R. N. Anthony, *Management Accounting*.

- 137. Accounting IIIb.** Professor Baxter and Mr. Bird. Twenty lectures with classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (Third Year)—*Accounting*, IV 7 and 8.

**Syllabus.**—(1) Company accounting. Advanced company accounts; holding companies; accounting aspects of taxation.

(2) Valuation theory. Valuation of a business, shares, partnership rights, individual assets, etc.; measurement of income; depreciation; changing price levels.

**Recommended reading.**—E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* (16th edn.); W. T. Baxter, "The Accountant's Contribution to the Trade Cycle" (*Economica*, May 1955); relevant parts of W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*; J. C. Bonbright, *The Valuation of Property*, chaps. I to XII, and XXVI. Reference may be made to such standard text-books as W. Pickles, *Accountancy*; L. R. Dicksee, *Auditing*; T. B. Robson, *Consolidated and other Group Accounts*; F. R. M. de Paula, *The Principles of Auditing*.

Other works will be recommended during the course.

- 138. History of Accounting.** Three lectures will be given by Professor Yamey and Mr. de Ste. Croix at times to be arranged.

- 139. Accounting Problems (Second Year).** Classes will be held by Professor Baxter and others. This course is only for second-year students taking the special subject of Accounting for B.Sc. (Econ.) Part II.

- 140. Accounting Problems (Third Year).** Fortnightly classes will be held by Professor Baxter and others during the Michaelmas and Lent Terms. This course is only for third-year students taking the special subject of Accounting for B.Sc. (Econ.) Part II.

- 141. Economic Problems (Third Year).** Classes will be held for Third-Year students taking the special subject of Accounting for B.Sc. (Econ.) Part II.

- 142. Accounting and Economic Theory (Seminar).** A series of weekly meetings and two week-end discussion courses will be held by Professor Baxter, Professor Edey and others in the Michaelmas and Lent Terms. Business valuation, cost analysis and other economic applications of accounting will be discussed.

For B.Sc. (Econ.) Part II—Special subject of Accounting.

- 143. Accounting and Economic Statistics.** Professor Edey. (This course will not be given in the session 1964-65).

For B.Sc. (Econ.) Part II—*Economic Statistics*, I 6a or 8k; II 8c; V 8i (Second Year).

**Syllabus.**—A survey of the scope and limitations of accounting data regarded as a source of statistical information.

- 144. Accounting for Non-Specialists (Revision).** Lecturer to be announced. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Accounting—Management and Economic Aspects*, I 3b; II 3b; *Economic Statistics and Business Accounts*, III 3; *Data Processing including Elements of Accounting*, X 6 and 7b.

### For Graduate Students

#### ONE-YEAR GRADUATE COURSE IN BUSINESS ADMINISTRATION

- 150. Business Administration in the Light of Economic Analysis.** Professor Sir Arnold Plant and Mrs. Sharp.

For the One-year Course in Business Administration only.

**Syllabus.**—The course will be devoted to a discussion of the nature, and the significance for business administrators, of the social and economic institutions which constitute the framework within which business affairs are conducted; the administrative problems encountered within the sphere of business, and the related problems of the nature, the timing and the magnitude of business transactions. Particular instances will be purposely selected for examination from widely diverse types of business.

- 151. Administrative and Organisational Problems of large Multi-Plant Businesses.** Mr. Prys Williams.

For the One-year Course in Business Administration only.

**Syllabus.**—Types of multi-plant businesses. Reasons for existence—historical, commercial, technological. Essential organisational difference from single-unit firms—geographic disjunction of functions. Functions operating at unit levels. Functions operating at the centre. Ambivalent functions. Need to secure co-ordination at all levels. Penalties of failure. Means of attempting co-ordination. Centralisation—advantages and disadvantages. Partial decentralisation; Groupings and Divisional organisation—types and appropriateness; Committees—values and dangers. Complete decentralisation. Congeries of single-unit businesses. Scope and purpose of unit management and of central management. Evolution. Influence of computers and improved communication systems. Staffing, training and succession problems in static and evolving multi-plant organisations.



**152. Industry.** Mr. Townsend, Mr. Peston and Professor Yamey.

For the One-year Course in Business Administration only.

**Syllabus.**—Specialisation in industry: factors determining the range of processes undertaken and the products made by individual firms. Size of factories and firms and the problems of growth. Location of factories and Government policy in relation to industrial distribution. Common services: trade associations, chambers of commerce, research associations, etc.

Production planning in relation to sales forecasts and the formulation of programmes in businesses making goods for stock. Organisation of raw materials purchasing, issue and control. Analysis of labour costs and overheads in relation to modern techniques of costing. Price determination in industries where development and production are complex and production batches small. Price determination in joint product industries, e.g., chemicals. Some problems in marketing: the choice of distribution channels, resale price maintenance, advertising. Investment in research and development: the problems of budgeting, allocation of resources between projects and review of achievement. Relations of firms and industries with Government departments.

The problems will be discussed against a background of papers written by experts in the industries concerned and of visits to factories. The course is organised in close association with the evening seminar on Problems in Industrial Administration referred to below.

**153. Distribution.** Professor Yamey.

For the One-year Course in Business Administration only.

**Syllabus.**—An analysis of current business problems in wholesale and retail distribution, including problems of manufacturer-distributor relations.

After a brief descriptive survey of the distributive trades, the course will deal with some of the special features and business problems of each of the main types of distributive enterprise, viz., wholesalers, department stores, multiples, small-scale retailing, mail-order houses and consumer co-operative societies. The following topics will be discussed: organisation, buying policies, sales policies, pricing, financial control, accounting, merchandise and stock control, remuneration of staff, co-operation between firms and co-operation with suppliers.

**154. Business Finance.** Professor Paish.

For the One-year Course in Business Administration only.

**Syllabus.**—The course examines, against the background of the English legal and institutional framework, various types of financial decisions which have to be made by business men. It includes discussion of such topics as the following:

The nature of business risks; risks which can be avoided by insurance or hedging; the limited liability company; private and public companies; types of securities issued by companies; gearing of capital; holding companies; self-financing out of profits; effects of high taxation and changing prices; short-term finance; hire-purchase finance; the finance of international trade; Export Credit guarantees. Investment institutions: Insurance offices; building societies; investment trusts; finance companies; the Finance Corporations.

The Stock Exchange. Issuing houses and the new issue market; underwriting. Making a public issue; alterations of share-holders' rights; writing down capital; capital reconstructions.

**155. Labour.** Professor Phelps Brown and Miss Seear.

For the One-year Course in Business Administration only, except by special permission of Professor Phelps Brown or Miss Seear.

**Syllabus.**—INDUSTRIAL RELATIONS. The object is to acquaint the student with the framework of the institutions and practices of industrial relations in a western economy. The topics are:—The function of trade unions, and the claims of the union at the place of work. Joint consultation. The scope and working of collective bargaining. The role of government in wage regulation and the settlement of disputes.

**PERSONNEL MANAGEMENT.** The aim is to give information on problems of personnel management suitable for students of general business administration rather than for specialists. It includes the study of the development of personnel management in this country; of the relationship between the personnel department and line management; of the main functions and activities of a personnel department; of the national manpower position and consequent personnel problems, and of questions arising in connection with the employment of special types of labour.

**METHODS OF WAGE PAYMENT.** A survey of the principal contemporary methods of wage payment. It will include methods of "work study"; systems of payment by results, and their application to particular situations; the wage structure and the adjustment of differentials; job evaluation.

**156. Law Relating to Business.** Professor Wheatcroft and others.

This course is intended to give an elementary background of Law to students who have no previous knowledge of the English legal system. The needs of such students as engineers and scientists are kept particularly in mind.

**Syllabus.**—The nature and scope of law. The sources of English law. Case Law and the Doctrine of Precedent. Legislation and the problem of interpretation. The Courts and the Legal Profession. Legal Aid. Arbitration. Elementary Principles of the Law of Contract and of Torts. The nature of Patent Law. Commercial Associations and the legal advantages and disadvantages of incorporated companies. Outline of the U.K. taxation system. Elementary principles of the Law of Labour Relations.

**157. Investment.**

For the One-Year Course in Business Administration only.

**Syllabus.**—The determination of security prices; the characteristics of different types of security; the choice of assets by different types of investor.

**158. Management Accounting.** Professor Edey and others.

For the One-year Course in Business Administration only.

**Syllabus.**—The course will try to give students an understanding of techniques and methods of accounting as an instrument of planning and control.

The course will be concerned particularly with the relation between accounting, budgeting and the business operations. The construction, interpretation and criticism of revenue accounts and balance sheets will be discussed, with a view to assessing their use and limitations as gauges of financial position and operating results.

**159. Business Statistics.** Mr. Prys Williams.

For the One-year Course in Business Administration only.

**Syllabus.**—Sampling in business and industry; the selection of unbiased samples; the interpretation of statistics obtained by sampling. Quality control, production control and budgetary control. The measurement of output, productivity and technical efficiency. Representation and misrepresentation by statistics and charts. Published statistics useful in business. Miscellaneous applications of statistics in business and industry.

**160. Market Research.** Mr. Prys Williams.

For the One-year Course in Business Administration only.

**Syllabus.**—The use in market research of published and other available data. Market surveys, including the design of questionnaires, the selection of samples, the technique of interviewing, and the tabulation and interpretation of the information obtained. The class will conduct under supervision a market survey on an assigned topic, and will design the questionnaire, select the persons to be interviewed, interview householders, housewives or others, tabulate the information obtained, and draft the report.

**161. Economic Analysis.** Mr. Foldes.

For the One-year Course in Business Administration only.

**Syllabus.**—The theory of the economic decisions of persons and firms, and the determination of prices and quantities traded in individual markets of various types. The interdependence of markets and general equilibrium. Determination of the general level of prices and rates of interest, of the quantity of money and of national income and employment. International trade and division of labour. The balance of payments and the foreign exchanges.

**162. Problems in Industrial Administration (Seminar).** Professor Sir Ronald Edwards will conduct a graduate evening seminar weekly throughout the session. Admission will be strictly by permission of Professor Sir Ronald Edwards.

The seminar will be attended by industrialists, professional businessmen and civil servants as guests, and each discussion will be based on a paper prepared and circulated in advance.

The papers will be concerned with such matters as the following: distinctive features of cost, demand, organisation and management in different firms and industries; marketing, including export business; economic and other considerations affecting industrial design; organisation and economics of research; the development of new enterprises; industrial location in the light of present Government policy; labour relations and the human factor; relations with trade associations and Government departments.

## VI. TRANSPORT

**170. Economics of Transport.** Five lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Economics of Transport*, I 8d; V 8a; XIV 8e (Second Year).

**Syllabus.**—This course will consist of a general introduction to the subject.

**Recommended reading.**—A bibliography will be given during the course.

**171. Economics and History of Transport.** Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economics of Transport*, I 8d; V 8a; XIV 8e (Third Year).

All those taking the special subject of Industry and Trade are recommended to attend the first five lectures which will be given in the Michaelmas Term.

**Syllabus.**—The chief characteristics of the demand for transport, both passenger and freight. Factors affecting its elasticity. The influence of transport upon the distribution of industry and population.

The general character of transport costs and the influence of geographical factors upon them. Fixed, variable, average and marginal costs. The economics and diseconomies of large and small undertakings providing transport services. The problem of the peak. The effects of traffic flow and density upon costs.

The terms of investment in transport under competition and monopoly, and under State (including municipal) and private enterprise. The bearing of risk. Interest, profits, rent and quasi-rent. Depreciation and obsolescence.

The theory and practice of transport charges, passenger and freight.

The maintenance, construction, and financing of roads. The taxation of road vehicles. The role of the State in relation to the development of transport generally. Some problems of transport under State enterprise.

The course will include a brief historical sketch of the different forms of inland transport since 1920, and an account of post-war transport legislation.

**Recommended reading.**—A. M. Milne, *The Economics of Inland Transport*; M. R. Bonavia, *The Economics of Transport*; G. J. Walker, *Road and Rail*; J. R. Sargent, *British Transport Policy*; A. M. Milne and Austen Laing, *The Obligation to Carry*; H. T. Lewis and others, *The Role of Air Freight in Physical Distribution*; L. A. Carey, *Modern Railway Practice, Facilities and Charges*; J. R. Meyer and others, *The Economics of Competition in the Transportation Industries*; E. Troxell, *Economics of Transport*; E. M. Hoover, *The Location of Economic Activity*; G. W. Wilson, *Essays on Some Unsettled Questions in the Economics of Transportation*.

C. I. Savage, *An Economic History of Transport*; E. C. Cleveland-Stevens, *English Railways—their Development and their Relation to the State*; C. Hamilton Ellis, *British Railway History, 1830–1876 and 1877–1947*; R. S. Lambert, *The Railway King*; H. C. Kidd, *A New Era for British Railways*; W. V. Wood and J. C. Stamp, *Railways*; R. Bell, *History of the British Railways during the War, 1939–45*; C. I. Savage, *Inland Transport (Official History of the Second World War)*; R. M. Robbins, *The Railway Age*.

H. Samuel, *Railway Operating Practice*; L. D. Kitchin, *Bus Operation*; D. N. Chester, *Public Control of Road Passenger Transport*; W. J. Crosland-Taylor, *Crosville*; W. J. Crosland-Taylor, *State-owned without Tears, 1948–1953*; G. Dickinson, *Road Haulage Operation*; C. S. Dunbar, *Goods Vehicle Operation*; A. C. L. Day, *Roads*; C. D. Buchanan, *Mixed Blessing*; Institution of Civil Engineers, *Conference on the Highway Needs of Great Britain, 1957*; S. and B. Webb, *The Story of the King's Highway*; W. Rees Jeffreys, *The King's Highway*; R. H. Thornton, *British Shipping*; J. F. Sleeman, *British Public Utilities*; O. Kahn-Freund, *The Law of Carriage by Inland Transport*; L. D. Kitchin, *Road Transport Law*; Frank Gilbert, *Transport Staff Relations*; *Bulletin of the Oxford University Institute of Statistics*, Nov. 1960 (Vol. 22, No. 4), and Feb. 1962 (Vol. 24, No. 1); *Basic Road Statistics, 1963* (British Road Federation); *The Commercial Motor*, tables of operating costs for commercial road vehicles (published annually).

British Transport Commission, *Annual Reports and Accounts* from 1948 onwards (H. of C. Papers, from 1949); U.K. London Transport Executive, *Annual Reports*; *Report from the Select Committee on Nationalised Industries (British Railways) 1960*; Transport Consultative Committees, *Annual and other various Reports*; United Kingdom, British Transport Commission (1955), *Modernization and Re-equipment of British Railways*; British Transport Commission, *Proposals for the Railways* (Cmd. 9880, 1956); British Transport Commission, *Re-appraisal of the Plan for the Modernisation and Re-equipment of British Railways* (Cmd. 813, 1959); the Gore-Browne report on Railway Rates (Cmd. 1098, B.P.P. 1920); the three reports of the Royal Commission on Transport (Cmd. 3365, B.P.P. 1929–30; Cmd. 3416, B.P.P. 1929–30; and Cmd. 3751, B.P.P. 1930–31); U.K. Ministry of Transport, 1932, *Report of the Conference on Road and Rail Transport (The Salter Report)*; Union of South Africa, *Report on Railway Rating Policy, 1950 (The Newton Report)*; U.K. Ministry of Transport and Civil Aviation, Road Passenger Services, *Report of the Committee on the Licensing of Road Passenger Services (Thesiger Report)*, Nov. 1953; United Kingdom, Ministry of Transport and Civil Aviation, *Report of the Committee of Enquiry into London Transport (Chambers Report)*, 1955; U.K. Ministry of Transport, *Roads in England and Wales, Annual Reports* from 1956–57 onwards; U.K. Ministry of Transport, *Crush Hour Travel in Central London, 1958*; U.K. Ministry of Transport, *The Victoria Line (Report by the London Travel Committee, 1959)*; U.K. Ministry of Transport, *The Transport of Goods by Road (Sample Survey April 1958), 1959*; *Reorganisation of the Nationalised Transport Undertakings* (Cmd. 1248, 1960); *The Financial and Economic Obligations of the Nationalised Industries* (Cmd. 1337, 1961); U.K. Ministry of Transport, *Rural Bus Services (Jack Committee Report) 1961*; U.K. Ministry of Transport, *Transport Services in the Highlands and Islands, 1963*; U.K. Ministry of Transport, *The Transport Needs of Great Britain in the Next Twenty Years, 1963*; U.K. Ministry of Transport, *Report of the Committee of Inquiry into the Major Ports of Great Britain, 1963*; British Railways Board, *The Reshaping of British Railways (The Beeching Report)*.

Students are advised to acquaint themselves with the following publications: *Modern Transport*, *The Journal of the Institute of Transport*, *The British Transport Review*, *The Journal of Transport History*, and Papers read before the Railway Students' Association.

**172. The Economics of Shipping.** Mr. Prys Williams. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Economics of Transport*, I 8d; V 8a; XIV 8e (Third Year).

**Syllabus.**—Factors entering into the cost of water transport: the significance of the cost of laying a vessel up. Determination in a free market of the level of freight rates and of the interrelations of freights. Fluctuations in shipbuilding: a discussion of their causes and effects.

Various modifications to market freedom: the Tanker Pool; Liner Conferences; Regulations introduced into the Tramp Trades.

The effects of such modifications on the general level of rates and on fluctuations in rates.

The importance of turn-round.

**Recommended reading.**—P. Duff, *British Ships and Shipping*; R. H. Thornton, *British Shipping* (2nd edn.); A. S. Svendsen, *Sea Transport and Shipping Economics*; H. Gripaios, *Tramp Shipping*; A. Berglund, *Ocean Transportation*; M. G. Kendall, "United Kingdom Merchant Shipping Statistics" (*Jnl. of the Royal Statistical Society*, 1948); Chamber of Shipping of the United Kingdom and Liverpool Steamship Owners' Association, *Shipping Policy; Fact Finding Enquiry*; U.K. Board of Trade, Imperial Shipping Committee, 1939: 38th Report, *British Shipping in the Orient*; C. B. A. Behrens, *Merchant Shipping and the Demands of War*; W. A. Lewis, "Interrelations of Shipping Freights" (*Economica*, N.S. Vol. 8); T. Koopmans, *Tanker Freight Rates and Tankship Building*; Report of the Royal Commission on Shipping Rings (Cmd. 4668, B.P.P. 1909); Report of the Imperial Shipping Committee on the Deferred Rebate System (Cmd. 1802, B.P.P. 1923); B. Cunningham, *Port Economics; Cargo Handling at Ports*; H. O. Mance and J. E. Wheeler, *International Sea Transport*; E. C. P. Lascelles and S. S. Bullock, *Dock Labour and Decasualisation*; Dock Workers (Regulation of Employment) Scheme, 1947; *Annual Reports* of the National Dock Labour Board; *Annual Reports* of the Chamber of Shipping of the United Kingdom; *Annual Reports* of the Liverpool Steamship Owners' Association; *Westinform Shipping Reports*.

**173. Economics and History of Transport (Class).** This series of fortnightly classes will be held throughout the session. For students taking the B.Sc. (Econ.) Part II—*Economics of Transport*, I 8d; V 8a; XIV 8e.

The attention of all students specialising in Transport is drawn to the following course:—

No. 373.—**Introduction to Sea and Air Law.**

#### For Graduate Students

**175. Economic Problems in Transport (Seminar).** This weekly evening seminar will be held during the Michaelmas and Lent Terms. The seminar may also be attended by those engaged in the transport industry. Admission will be strictly by permission.

## GEOGRAPHY

## GEOGRAPHY

Courses given in the Joint School of Geography at King's College, London,  
and the London School of Economics

### Courses for B.Sc. (Econ.)

#### Part I: Revised Regulations

**185. Introduction to Geography.** Professor Wise. Twenty-five lectures, Sessional. This course will be given only in the day in the session 1964-65.

**Syllabus.**—The development of geographical thought and an outline of the scope and methods of modern geography.

**Recommended reading.**—O. J. R. Howarth and R. E. Dickinson, *The Making of Modern Geography*; F. Debenham, *Discovery and Exploration*; H. J. Wood, *Exploration and Discovery*; G. R. Crone, *Maps and their Makers*; L. D. Stamp, *Applied Geography*; *Our Developing World*; Griffith Taylor (Ed.), *Geography in the Twentieth Century*; G. R. Crone, *Background to Geography*.

**186. Geography Class.** Professor Wise, Dr. Odell, Dr. Board and Dr. Hamilton. Fortnightly throughout the session.

#### Part II: Revised Regulations

##### Second Year

**Note:** Students reading Geography as a special subject in Part II are required to attend two field classes. These will normally be arranged during the Easter vacations in the second and third years of the B.Sc. (Econ.) course.

**187. Introduction to Economic Geography.** Dr. Martin, Dr. Sealy, Dr. Estall and Dr. Odell. Twenty-five lectures, Sessional. (This course will be given in the day and in the evening in the session 1964-65.)

*Economic Geography*, XIV 5; I 3d; II 3c; XIII 3f.

**Syllabus.**—Concepts and methods of economic geography. The nature of resources and their exploitation. The elements of the geography of transport. The location of economic activity.

Special classes will be arranged for students of Economics and History taking Economic Geography as one paper in the final examination.

**Recommended reading.**—E. W. Zimmermann, *World Resources and Industries*; R. Cohen, *The Economics of Agriculture*; A. N. Duckham, *The Fabric of Farming*; K. R. Sealy, *Geography of Air Transport*; J. H. Bird, *The Geography of the Port of London*; E. M. Hoover, *The Location of Economic Activity*; M. Chisholm, *Rural Settlement and Land Use*; P. R. Odell, *An Economic Geography of Oil*; J. W. Alexander, *Economic Geography*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; C. D. Foster, *The Transport Problem*; British Railways Board, *The Reshaping of British Railways (Beeching Report)*; U.K. Ministry of Transport, *Traffic in Towns (Buchanan Report)*; A. C. L. Day, *Roads*; D. St. J. Thomas, *The Rural Transport Problem*.

- 188. Human Geography.** Professor Jones. Twenty-five lectures, Sessional. This course will be given only in the day in the session 1964-65.

An introductory course for all students taking Geography as a special subject.

**Syllabus.**—An introduction to the field of human geography. Topics and problems will be selected for discussion to provide a basis for subsequent work in optional subjects such as social geography, political geography, and historical geography.

**Recommended reading.**—J. B. Brunhes, *Human Geography*; Vidal de la Blache, *Principles of Human Geography*; Preston E. James, *A Geography of Man*; W. G. East, *Geography behind History*; J. H. G. Lebon, *An Introduction to Human Geography*; J. Houston, *A Social Geography of Europe*.

- 189. The British Isles.** Mr. Sinclair. Twenty lectures, Michaelmas and Lent Terms.

*The British Isles*, XIV 6.

**Syllabus.**—Changing patterns of population, settlement and land use in Britain and the bearing of physical, social and economic conditions upon these changes. Special studies of selected industrial and agricultural areas.

**Recommended reading.**—Wilfred Smith, *An Economic Geography of Great Britain*; J. B. Mitchell (Ed.) *Great Britain, Essays in Regional Geography*; U.K. Geological Survey, *British Regional Geology*; L. D. Stamp and S. H. Beaver, *The British Isles*; E. G. Bowen (Ed.), *Wales*; A. E. Smailes, *North England*.

- 190. An Introduction to the Geography of Europe.** Dr. Harrison Church, Mr. Lawrence and Dr. Hamilton. Ten lectures, Summer Term.

*Europe*, XIV 7.

**Syllabus.**—This course forms an introduction to a full course on Europe to be given in the following year. Topics for study during the summer vacation will be suggested.

**Recommended reading.**—G. W. Hoffman (Ed.), *A Geography of Europe*; M. R. Shackleton, *Europe*; F. J. Monkhouse, *A Regional Geography of Western Europe*; T. H. Elkins, *Germany*.

- 191. Physical Geography.** Dr. Clayton and Dr. Jackson. Twenty-five lectures, Sessional. This course will be given only in the day in the session 1964-65.

*Physical Geography*, XIV 4.

**Syllabus.**—A study of selected aspects of geomorphology, climatology, biogeography and oceanography, with special emphasis on their inter-relations in the British Isles.

**Recommended reading.**—S. W. Wooldridge and R. S. Morgan, *An Outline of Geomorphology*; G. H. Dury, *The Face of the Earth*; B. W. Sparks, *Geomorphology*; W. D. Thornbury, *Principles of Geomorphology*; G. Manley, *Climate and the British Scene*; S. Petterssen, *Introduction to Meteorology*; E. J. Russell, *The World of the Soil*; Hans Jenny, *Factors of Soil Formation*; S. R. Eyre, *Vegetation and Soils*; H.M.S.O., *A Course in Elementary Meteorology*.

- 192. Practical Mapwork.** Dr. Clayton, Dr. Jackson and others. Twenty-five classes, Sessional. (This course will be given in the day and in the evening in the session 1964-65.)

*Physical Geography*, XIV 4.

**Syllabus.**—The types and scales of published maps, both British and foreign, and the techniques of their preparation. Cartographic methods of representing economic, climatic

and other geographical data. The interpretation of topographical, geological, land-use and other maps.

Practical exercises in construction and interpretation of maps of various types are essential requirements and will be related to other aspects of the course work for Part II.

**Recommended reading.**—F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; G. H. Dury, *Map Interpretation*; E. Raisz, *General Cartography*.

## Part II: Revised Regulations

### Third Year

- 193. Economic Geography.** Dr. J. E. Martin and Mr. Sinclair. Twenty lectures, Michaelmas and Lent Terms.

*Economic Geography*, XIV 5; optional for I 3d; II 3c; XIII 3f.

**Syllabus.**—An advanced treatment of the economic geography of industry and agriculture. The location of manufacturing industry. Industrial and agricultural complexes. Systems of commercial agriculture.

**Recommended reading.**—E. M. Hoover, *The Location of Economic Activity*; J. S. Dunn, Jr., *The Location of Agricultural Production*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; M. Chisholm, *Rural Settlement and Land Use*; N. J. G. Pounds, *The Geography of Iron and Steel*; U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources*.

References to periodical literature will be issued during the course.

- 194. Applied Geography.** Professor Wise and Dr. Estall. Sessional. This course will be given only in the day in the session 1964-65.

*The British Isles*, XIV 6.

**Syllabus.**—The application of geographical methods to problems of regional survey and land use planning.

**Recommended reading.**—L. D. Stamp, *The Land of Britain: its Use and Misuse; Applied Geography*; The Association for Planning and Regional Reconstruction, *Town and Country Planning Textbook*; W. Ashworth, *The Genesis of Modern British Town Planning*; R. E. Dickinson, *City, Region and Regionalism*; Cmd. 6153 (The Barlow Report), 1940; Cmd. 6378 (The Scott Report), 1942; Cmd. 8204, "Town and Country Planning, 1943-51", and subsequent reports of the Ministry of Housing and Local Government; J. Saville, *Rural Depopulation in England and Wales, 1851-1951*; T. W. Freeman, *Geography and Planning*.

- 195. Advanced Regional Geography: Western and Central Europe.** Dr. Harrison Church, Dr. Yates, Mr. Lawrence and Dr. Hamilton. Thirty lectures, Sessional. This course will be given in the day and in the evening in the session 1964-65.

*Europe*, XIV 7.

**Syllabus.**—A study of the physical environment, natural resources, land use, agriculture and industry in their national and regional differentiation.

**Recommended reading.**—G. W. Hoffman (Ed.), *A Geography of Europe*; M. R. Shackleton, *Europe*; F. J. Monkhouse, *A Regional Geography of Western Europe*; A. Guilcher and J. Beaujeu-Garnier, *L'Europe du Nord et du Nord-Ouest*; A. F. A. Mutton, *Central Europe*; P. George and J. Tricart, *L'Europe Centrale*, Tome I; R. E. Dickinson, *The Regions of Germany or Germany*; T. H. Elkins, *Germany*.

Other literature will be suggested during the course.

196. **Geography Seminar.** Professor Wise, Mr. Sinclair and Dr. Jackson. Sessional.

Discussion on special areas and topics.

197. **Physical Geography Class.** Dr. Clayton and Dr. Jackson. Ten fortnightly classes, Michaelmas and Lent Terms.

### Optional Subjects

One of the following courses

198. **Historical Geography—I.** Dr. Lambert and Dr. Yates. Sessional. (This course will be given only in the day in the session 1964-65.)

B.Sc. (Econ.) Part II (OR)—X (v) (a); Special subject of Economic History (Modern), Option (v) (a) and Part II (RR)—*Historical Geography*, V 8j; VI 7 and 8k; XIII 3e; XIV 8b.

**Syllabus.**—A study of the historical geography of the British Isles, with special reference to England.

**Recommended reading.**—W. G. East, *The Geography behind History*; J. B. Mitchell, *Historical Geography*; H. C. Darby (Ed.), *An Historical Geography of England before 1800*; W. G. Hoskins, *The Making of the English Landscape*.

199. **Political Geography.** Dr. Harrison Church and Professor Jones. Sessional. (Available also for B.A. Honours in Geography—Political Geography I.) This course will be given only in the day in the session 1964-65. Students should also follow Course No. 240.

*Political Geography*, XIV 8a.

**Syllabus.**—A general study of the interaction between geographical factors and the state, including such aspects as territorial organisation and expansion, frontiers and boundaries, demographic considerations and strategic factors. A closer study will be made of one or more areas.

**Recommended reading.**—N. J. G. Pounds, *Political Geography*; Y. M. Goblet, *Political Geography and the World Map*; A. E. F. Moodie, *Geography behind Politics*; S. van Valkenburg and C. L. Stotz, *Elements of Political Geography*; Hans W. Weigert and others, *Principles of Political Geography*; W. G. East and A. E. Moodie (Eds.), *The Changing World*.

Other literature will be suggested during the course.

200. **Social Geography.** Professor Jones. Sessional.

*Social Geography*, XIV 8c.

**Syllabus.**—A study of the relationships of social groups with their environments and the regional differentiation of such relationships.

**Recommended reading.**—P. M. J. Vidal de la Blache, *Principles of Human Geography*; R. Firth, *Human Types*; I. Bowen, *Population*; J. Beaujeu-Garnier, *Géographie de la Population*; R. E. Dickinson, *City, Region and Regionalism*; W. A. Gauld, *Man, Nature and Time*; A. H. Hawley, *Human Ecology*; J. Houston, *A Social Geography of Europe*.

Further reading will be suggested during the course.

201. **Advanced Regional Geography: North America.** Dr. Estall and Dr. Sealy. Forty lectures, Michaelmas and Lent Terms. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1964-65.

*North America*, XIV 8d(i).

**Syllabus.**—A study of physical environment, natural resources and economic factors with emphasis on inter-relations in regional geography.

**Recommended reading.**—L. R. Jones and P. W. Bryan, *North America*; J. Russell Smith and M. Ogden Phillips, *North America*; N. M. Fenneman, *Physiography of Eastern United States*; *Physiography of Western United States*; F. B. Loomis, *Physiography of the United States*; C. L. White and E. J. Foscoe, *Regional Geography of Anglo-America*; E. Higbee, *American Agriculture*; L. Haystead and G. C. Fite, *The Agricultural Regions of the United States*; C. M. Green, *American Cities in the Growth of the Nation*; D. F. Putnam (Ed.), *Canadian Regions*; J. H. Patterson, *North America*.

202. **Advanced Regional Geography: Monsoon Asia.** Mr. Rawson. Twenty-five lectures, Sessional. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1964-65.

*Monsoon Asia*, XIV 8d(ii).

**Syllabus.**—Studies of environment and society in the countries from West Pakistan to Manchuria, inclusive. Treatment will be on a country-and-topic basis, with more detailed study of selected regions; some work on large-scale maps will be included.

**Recommended reading.**—W. G. East and O. H. K. Spate (Eds.), *The Changing Map of Asia*; A. D. C. Peterson, *The Far East*; J. Sion, *Asie des Moussons (Géographie Universelle, Tome IX, Pts. 1 and 2)*; L. D. Stamp, *Asia*; O. H. K. Spate, *India and Pakistan*; E. H. G. Dobby, *South East Asia*; J. E. Spencer, *Asia East by South*; G. B. Cressey, *Land of the 500 Million, A Geography of China*; O. Lattimore, *Inner Asian Frontiers of China*; G. T. Trewartha, *Japan*; E. A. Ackerman, *Japan's Natural Resources*; Sir A. Pim, *Colonial Agricultural Production*; B. H. Farmer, *Pioneer Peasant Colonization in Ceylon*; R. R. Rawson, *The Monsoon Lands of Asia*; B. W. Hodder, *Man in Malaya*; C. A. Fisher, *South-east Asia*; H. C. Hart, *New India's Rivers*; N. Ahmad, *The Economic Geography of East Pakistan*.

Other literature will be suggested during the course.

203. **Advanced Regional Geography: Africa.** Dr. Harrison Church, Dr. Pugh, Mr. Rawson and Dr. Board. Sessional. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1964-65.

*Africa*, XIV 8d(iii).

**Syllabus.**—A study of the physical environment and of the distribution of man and his economic activities, especially south of the Sahara. Treatment will be by topics and by countries.

**Recommended reading.**—R. J. Harrison Church and others, *Africa and the Islands*; J. M. Houston, *Western Mediterranean World*; R. J. Harrison Church, *West Africa*; K. M. Buchanan and J. C. Pugh, *Land and People in Nigeria*; L. C. King, *South African Scenery* (2nd edn.); Monica Cole, *South Africa*; J. H. Wellington, *Southern Africa* (2 vols.); J. Despois, *L'Afrique du Nord*.

Further reading will be indicated during the course.

204. **Advanced Regional Geography: Latin America.** Dr. Odell. Sessional. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given in the day only in the session 1964-65.

*Latin America*, 8d (iv).

## Part II (Old Regulations): Special Subject of Geography

## Third Year

205. **The Geography of Agriculture.** Mr. Sinclair. Sessional. This course will be given in the evening in session 1964-65 if required.

**Recommended reading.**—K. H. W. Klages, *Ecological Crop Geography* (background reading preferably in advance of course); D. Faucher, *Géographie Agricole*; Sir E. J. Russell, *World Population and World Food Supplies*; O. E. Baker and others, *Agriculture in Modern Life*; J. L. Buck, *Land Utilization in China*; P. Gourou, *The Tropical World*; K. Pelzer, *Pioneer Settlement in the Asiatic Tropics*; Sir A. Pim, *Colonial Agricultural Production*; A. N. Duckham, *The Fabric of Farming*; Sir Harold Tempany and D. H. Grist, *An Introduction to Tropical Agriculture*; R. L. Mighell and J. D. Black, *Inter-regional Competition in Agriculture*. M. Chisholm, *Rural settlement and land use*.

See also the following courses:—

- No. 189.—**The British Isles.**  
 No. 194.—**Applied Geography.**  
 No. 195.—**Advanced Regional Geography: Western and Central Europe.**  
 No. 198.—**Historical Geography.**  
 No. 199.—**Political Geography.**  
 No. 200.—**Social Geography.**  
 No. 201.—**Advanced Regional Geography: North America.**  
 No. 202.—**Advanced Regional Geography: Monsoon Asia.**  
 No. 203.—**Advanced Regional Geography: Africa.**

**Note:** Students reading Geography for Part II of the B.Sc. (Econ.) degree are required to attend a field class in the Easter vacation.

Reference should also be made to the following courses:—

- No. 170.—**Economics of Transport.**  
 No. 171.—**Economics and History of Transport.**  
 No. 172.—**The Economics of Shipping.**  
 No. 173.—**Economics and History of Transport (Class).**

## Courses for B.A. Honours and B.Sc. Special

**Note:** Students reading for the B.A. (Hons.) and B.Sc. (Special) degrees in Geography are required to attend a field class in each year of the course. The field classes are normally held in the Easter vacation.

## First Year

207. **Physical Basis of Geography—I. (Biogeography).** Dr. Yates and Miss Coleman. Twenty-five lectures, Sessional.

**Syllabus.**—(i) A survey of the pedogenic processes and their results. The world soil groups. Characteristics and utilisation of cultivated soils. The principles of ecology as applied to natural vegetation, crops and animal societies of economic importance.

(ii) A treatment of selected aspects of the physical geography of Britain.

**Recommended reading.**—G. W. Robinson, *Soils*; *Mother Earth*; A. D. Hall and E. J. Russell, *Soil Conditions and Plant Growth*; G. R. Clarke, *The Study of the Soil in the Field*; A. G. Tansley, *The British Islands and their Vegetation*; M. I. Newbigin, *Plant and Animal Geography*; A. E. Trueman, *The Scenery of England and Wales*; S. R. Eyre, *Vegetation and Soils*.

208. **Physical Basis of Geography—II. (Meteorology and Climatology).** Professor Hare and Dr. Jackson. Twenty-five lectures, Sessional.

**Recommended reading.**—G. T. Trewartha, *An Introduction to Climate*; H. R. Byers, *General Meteorology*; G. T. Trewartha, *The Earth's Problem Climates*; S. Pettersen, *Introduction to Meteorology*; H.M.S.O., *A Course in Elementary Meteorology*; H. C. Willett and F. Sanders, *Descriptive Meteorology*.

209. **Physical Basis of Geography—III. (Landforms.)** Dr. Pugh, Dr. Brunsdon and Mr. Lawrence. Twenty-five lectures, Sessional.

**Recommended reading.**—S. W. Wooldridge and R. S. Morgan, *An Outline of Geomorphology*; A. Holmes, *Principles of Physical Geology*; C. A. Cotton, *Landscape*; O. D. von Engel, *Geomorphology*; B. W. Sparks, *Geomorphology*; W. D. Thornbury, *Principles of Geomorphology*; G. H. Dury, *The Face of the Earth*; L. C. King, *Morphology of the Earth*; C. A. Cotton, *Climatic Accidents in Landscape-making*.

210. **Physical Geography Class.** Dr. Pugh and Dr. Brunsdon. Michaelmas Term. For students not reading Geology as a subsidiary subject.

211. **Elements of Cartography (Map Projections and Surveying).** Dr. Pugh and Mr. Lawrence. Twenty-five lectures, Sessional. With field work in the third term.

**Syllabus.**—The principles and methods of construction of map projections. General principles of topographic survey, with practical field work using survey instruments.

**Recommended reading.**—A. H. Jameson and M. T. M. Ormsby, *Elementary Surveying and Map Projection*; J. A. Steers, *An Introduction to the Study of Map Projections*; F. Debenham, *Map Making*; A. R. Hinks, *Maps and Survey*; W. Norman Thomas, *Surveying*; *The Admiralty Manual of Hydrographic Surveying*; J. Mainwaring, *An Introduction to the Study of Map Projection*; D. Clark, *Plane and Geodetic Surveying*, Vol. I.

- 211(A). **Introduction to Geographical Statistics.** Dr. Jackson. Ten lectures, Michaelmas Term.

**Syllabus.**—Sources of quantitative data. The nature, presentation and accuracy of statistics. Aids to calculation. Measures of average and dispersion. Association and correlation. Diagrammatic presentation of statistical material.

**Recommended reading.**—G. C. Dickinson, *Statistical Mapping and the Presentation of Statistics*; F. Conway, *Descriptive Statistics*; S. Gregory, *Statistical Methods and the Geographer*.

212. **Elements of Cartography and Map Interpretation (Practical).** Mr. Lawrence. Twenty-five classes, Sessional.

**Syllabus.**—Techniques of map-making and the representation of the physical and cultural landscapes on maps. Cartographic and diagrammatic methods of expressing data relating to weather, climate, economic and population conditions. The interpretation of geological, topographic, land-use and other maps of geographical importance. Major foreign surveys and the International Map. An outline of the history of map making with special reference to Ordnance Survey maps.

Throughout the course emphasis is placed on individual work and practical exercises on each type of map.

**Recommended reading.**—H. St. J. L. Winterbotham, *A Key to Maps*; F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; G. H. Dury, *Map Interpretation*; E. Raisz,

*General Cartography*; W. G. V. Balchin and A. W. Richards, *Practical and Experimental Geography*; R. G. D. Allen, *Statistics for Economists*; G. C. Dickinson, *Statistical Mapping and the Presentation of Statistics*.

**213. Introduction to Human Geography—I.** Dr. Lambert and Dr. Yates. Twenty-five lectures, Sessional.

**Syllabus.**—A general study of the inter-relation between man and his physical environment from earliest times.

**Recommended reading.**—G. Clarke, *World Prehistory—an outline*; V. G. Childe, *What happened in history*; W. G. East, *The geography behind history and An historical geography of Europe*; H. Heaton, *Economic history of Europe*; J. L. Myres, *The dawn of history and Geographical history in Greek lands*; K. P. Oakley, *Man the toolmaker*; F. W. Walbank, *The decline of the Roman Empire in the West*; M. Postan and E. Rich (Eds.), *Cambridge Economic History Parts I and II, Middle Ages*; H. Pirenne, *Mohammed and Charlemagne and Economic and Social History of Mediaeval Europe*; P. Boissonade, *Life and Work in Mediaeval Europe*.

**214. Introduction to Human Geography—II.** Professor Jones. Twenty-five lectures, Sessional.

**Syllabus.**—The facts and concepts of the geography of society.

**Recommended reading.**—W. A. Gauld, *Man, Nature and Time*; P. E. James, *A Geography of Man*; J. B. Brunhes, *Human Geography*; N. J. G. Pounds, *An Historical and Political Geography of Europe*; A. M. Carr-Saunders, *Population*; J. H. G. Lebon, *An Introduction to Human Geography*; C. D. Forde, *Habitat, Economy, and Society*.

### Second Year

**215. Advanced Regional Geography—British Isles.** Professor Wise, Dr. Yates, Dr. Clayton and Dr. Board. Forty lectures, Michaelmas and Lent Terms.

**Syllabus.**—A detailed treatment of the major regions of the British Isles. Appreciation of the conditions, physical, social and economic, that have influenced the modern pattern of settlement and land use. Special studies of selected industrial and agricultural areas. The modern economic geography of Britain, including distribution of population, location pattern of selected industries, evolution of the present pattern of land use.

The course will be accompanied by recommended practical map work.

**Recommended reading.**—L. D. Stamp and S. H. Beaver, *The British Isles*; J. B. Mitchell (Ed.), *Great Britain: Geographical Essays*; A. E. Trueman, *The Scenery of England and Wales*; U.K. Geological Survey and Museum, *British Regional Geology*; L. D. Stamp, *The Land of Britain, its Use and Misuse*; Land Utilisation Survey of Britain, *The Land of Britain*; Wilfred Smith, *An Economic Geography of Great Britain*; T. W. Freeman, *Ireland*; A. E. Trueman, *The Coalfields of Great Britain*; E. G. Bowen (Ed.), *Wales*; A. E. Smailes, *North England*.

**216. Europe: an Introduction.** Mr. Lawrence and Dr. Brunsten. Ten lectures, Summer Term.

**Recommended reading.**—M. R. Shackleton, *Europe*; E. de Martonne, *L'Europe Centrale (Géographie Universelle, Tome IV)*; H. J. Mackinder, *The Rhine*; H. J. Fleure, *Human Geography in Western Europe*; F. J. Monkhouse, *A Regional Geography of Western Europe*.

**217. Cartography and Map Interpretation (Practical).** Dr. Brunsten. Sessional. This course of practical work will be conducted mainly through group projects.

**Recommended reading.**—F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; E. Imhof and others (Eds.), *International Yearbook of Cartography*, Vols. 1-3, 1961-3.

**218. Europe—I.** Dr. Hamilton and Mr. Sinclair. Sessional.

### Optional Subjects

**Note:** Students in their second year will be required to begin work on their chosen optional subjects; the following courses will be provided:—

**219. Mathematical Geography and Surveying—I.** An intercollegiate course.

**220. Physical Basis of Geography—IV (Geomorphology).** Miss Coleman, Dr. Clayton, Mr. Lawrence and Dr. Brunsten. Twenty-five lectures, Sessional.

**221. Geomorphology—I.** An intercollegiate course. Sessional.

**222. Meteorology and Climatology—I.** Professor Hare, Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at University College.

**Recommended reading.**—H. C. Willett and F. Sanders, *Descriptive Meteorology*; G. T. Trewartha, *The Earth's Problem Climates*; S. L. Hess, *Introduction to Theoretical Meteorology*.

**223. Plant Geography—I.** Dr. Yates and others. An intercollegiate course.

**224. Economic Geography—I.** Professor Buchanan and Dr. Odell. Twenty-five lectures, Sessional.

**Recommended reading.**—N. J. G. Pounds, *An Introduction to Economic Geography*; E. W. Zimmermann, *World Resources and Industries*; P. R. Odell, *An Economic Geography of Oil*; J. W. Alexander, *Economic Geography*.

**225. Historical Geography—I.** Dr. Lambert and Dr. Yates. Sessional.

**Syllabus.**—As for Course No. 198.

**226. History of Geographical Science and Discovery—I.** Dr. Jackson and others. An intercollegiate course.

**227. Political Geography—I.** Dr. Harrison Church and Professor Jones. Sessional.

**Syllabus.**—As for Course No. 199.

**228. Geography of Settlement—I.** Professor Wise, Professor Jones and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.



**Third Year**

229. **Seminar.** Professor Wise and Professor Hare. Sessional.
230. **The Regional Geography of Europe.** Dr. Harrison Church, Dr. Yates, Mr. Lawrence and Dr. Hamilton. Michaelmas and Lent Terms.
- Recommended reading.**—G. W. Hoffman (Ed.), *A Geography of Europe*; E. de Martonne and A. Demangeon, *La France (Géographie Universelle, Tome VI)*; F. J. Monkhouse, *A Regional Geography of Western Europe*; R. E. Dickinson, *Germany*; T. H. Elkins, *Germany*; A. Guilcher and J. Beaujeu-Garnier, *L'Europe du Nord et du Nord-Ouest*; A. F. A. Mutton, *Central Europe*; P. George and J. Tricart, *L'Europe Centrale*; W. R. Mead, *An Economic Geography of Scandinavia and Finland*.
- Note:** Students are required to select one other area for advanced regional study. Reference should be made to the following courses:—
- No. 201.—**North America.**  
No. 202.—**Monsoon Asia.**  
No. 203.—**Africa.**  
No. 204.—**Latin America.**
- Note:** Students in their third year will be required to continue work on their chosen optional subject; the following courses will be provided:—
231. **Mathematical Geography and Surveying—II.** Fifty lectures. An intercollegiate course.
232. **Geomorphology—II.** Dr. Pugh and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at University College.
233. **Meteorology and Climatology—II.** Professor Hare, Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Bedford College.
234. **Plant Geography—II.** Dr. Yates and others. An intercollegiate course.
235. **Economic Geography—II.** Professor Buchanan, Professor Wise and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.
236. **Economic Geography Class.** Professor Buchanan, Dr. J. E. Martin and Dr. Odell. Twenty-five classes, Sessional.
237. **Historical Geography—II: Western and Central Europe.** Dr. Lambert. Sessional.
- Syllabus.**—A study of the inter-relations of man and his environment since prehistoric times with special reference to the part played by man's activities in adapting the landscape

to his needs, and considering also the geographical significance of political and administrative divisions.

**Recommended reading.**—W. G. East, *An Historical Geography of Europe*; *The Geography behind History*; E. A. Freeman, *The Historical Geography of Europe*; *Cambridge Economic History of Europe*, Vol. I, especially chaps. 1, 2, 3, 6 and 8; *Cambridge Medieval History of Europe*, Vol. I, chap. 13; Vol. V, chap. 5; Vol. VI, chaps. 14 and 15; Vol. VII, chaps. 8, 9 and 24; W. L. Thomas (Ed.), *Man's Role in Changing the Face of the Earth*; J. H. Clapham, *The Economic Development of France and Germany*; B. H. Slicher van Bath, *The Agrarian History of Western Europe, A.D. 500-1850*.

238. **Historical Geography Class.** Dr. Lambert and Dr. Yates. Fifteen classes, Michaelmas and Lent Terms.
239. **History of Geographical Science and Discovery—II.** Dr. Jackson and others. An intercollegiate course to be given at Birkbeck College.
240. **Political Geography—II.** Dr. Harrison Church, Professor Jones and Dr. Hamilton. Twenty-five lectures, Sessional.
241. **Geography of Settlement—II.** Professor Jones and others. Sessional. An intercollegiate course to be given at Birkbeck College.
242. **Geography of Settlement Class.** Professor Jones. Michaelmas and Lent Terms.
243. **Applied Geography.** Professor Wise and Dr. Estall. Sessional. **Syllabus.**—As for Course No. 194.

**Courses for B.A. General and B.Sc. General (Part II)**

Intercollegiate students reading for B.A. General and B.Sc. General (Part II) taking Geography as one of three subjects, are recommended to take the following courses:—

**Courses for B.A. General**

First Year: Courses 207, 208, 209, 211, 212.  
Second Year: Courses 215, 216, 217.  
Third Year: Course 230.

**Courses for B.Sc. General (Part I)**

First Year: Courses 207, 208, 209, 211, 212.

**Courses for B.Sc. General (Part II)**

Second Year: Courses 215, 216, 217.  
Third Year: Courses 230 and one of 219, 220, 222, 223, 243.

**For Graduate Students**

244. **Aerial Photography in Geographical Studies.** Mr. Rawson and Dr. Sealy. Admission by permission of Mr. Rawson.

245. **Geographical Thought and Practice.** Professor Jones, Dr. Board and others. A course of lectures and classes accompanied by practical work. This is a compulsory course for students reading Geography for the M.Sc. degree in the Faculty of Economics. Graduate students reading for other higher degrees are recommended to attend.
246. **Regional Survey Problems (Seminar).** An evening seminar. Admission by permission of Professor Wise.
247. **Air Transport Problems (Seminar).** An evening seminar. Admission by permission of Dr. Sealy.
248. **Regional Problems in Latin America (Seminar).** A joint seminar with the department of Sociology. Admission by permission of Dr. Odell (Geography), or Dr. Tropp or Mr. de Kadt (Sociology).

**Note:** In addition to the courses and seminars listed above, other graduate courses may be given in the session 1964-65, if required, for the general subject Economic Geography under the new regulations for the M.Sc. degree in the Faculty of Economics.

*Reference should also be made to the following sections and courses:—*

**Anthropology—Regional studies.**

**Economics—International Economics.**

No. 118.—**Economics and Politics of the International Petroleum Industry.**

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**Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography**

- F. K. HARE, B.Sc., Ph.D. (Montreal), LL.D. (Queen's); Professor of Geography.
- J. C. PUGH, M.A. (Cantab.), Ph.D., A.R.I.C.S.; Professor of Geography.
- E. M. YATES, M.Sc., Ph.D.; Reader in Geography.
- ALICE M. COLEMAN, M.A.; Senior Lecturer in Geography.
- D. BRUNSDEN, B.Sc., Ph.D.; Lecturer in Geography.
- G. R. P. LAWRENCE, M.Sc.; Assistant Lecturer in Geography.

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## ECONOMIC HISTORY

### 260. The Economic History of Great Britain and America, 1850-1939. Dr. John and Mr. Potter. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I; B.A. Honours in Philosophy and Economics (First Year).

**Syllabus.**—The course will cover the major aspects of the British and American economies from the mid-nineteenth century until World War II.

**Recommended reading.**—TEXTBOOKS: W. A. Lewis, *Economic Survey, 1919-1939*; W. Ashworth, *A Short History of the International Economy, 1850-1950*; M. G. Jones, *American Immigration*; The Royal Institute of International Affairs, *The Problem of International Investment*; A. G. Poole and G. P. Jones, *A Hundred Years of Economic Development in Great Britain*; H. F. Williamson, *The Growth of the American Economy* (parts 4 and 5); H. C. Allen and C. P. Hill (Eds.), *British Essays in American History*.

FOR REFERENCE.—H. M. Pelling, *America and the British Left: from Cobden to Bevan*; T. C. Cochran and W. Miller, *The Age of Enterprise: A Social History of Industrial America*; A. K. Cairncross, *Home and Foreign Investment*; W. Ashworth, *An Economic History of England, 1870-1939*; G. C. Allen, *British Industries and their Organization*.

### 261. Industrialisation and the International Economy since 1830.

Professor Fisher and Mr. Falkus. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*History* (1) (*Economic History*) I 2a; II 2i; IV 2a; VII 2; VIII 3; XI 3a; XII 3; XIII 3a; XIV 3 (Second Year).

**Syllabus.**—The pace of industrial change in Western Europe and the United States. Sources of capital. Population growth and its relationship to economic development. Labour and labour organization. The relationship between industrialisation and the supply of food and raw materials. Improvement in communications. Development of financial institutions. Export of capital. International migration. Growth of new industries. Changing pattern of trade. Tariffs. National economic policies. The inter-war years and a comparison of the outcome of the First World War with that of the Second.

The development of primary production outside the Atlantic economy.  
Economic change in Russia and Asia.

**Recommended reading** will be given at the beginning of the course.

### 262 Introduction to Modern English Economic History. Mr. W. M. Stern. Twenty-five lectures, Sessional.

For B.A. Honours in History (First Year); Diploma in Social Administration (First Year); Intermediate (LL.B.) (d), (ii b).

**Syllabus.**—The subject will be divided into three periods: from the discovery of the New World to the middle of the eighteenth century; the Industrial Revolution and its aftermath; and the last hundred years. In each period, the development of agriculture, industry, trade and transport will be traced against the background of population changes, economic thought and fluctuations, social organisation and policy.

**Recommended reading.**—W. J. Ashley, *The Economic Organisation of England*; J. H. Clapham, *A Concise Economic History of Britain from the Earliest Times to 1750*; G. N. Clark, *The Wealth of England, 1496-1760*; M. D. George, *England in Transition*; T. S. Ashton, *The Industrial Revolution, 1760-1830*; W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*; G. Dangerfield, *The Strange Death of Liberal England, 1910-1914*.

FOR REFERENCE.—T. S. Ashton, *An Economic History of England: The Eighteenth Century*; W. Ashworth, *An Economic History of England, 1870-1939*; J. H. Clapham, *Economic History of Modern Britain*; N. J. Smelser, *Social Change in the Industrial Revolution*; G. D. H. Cole and R. W. Postgate, *The Common People, 1746-1946*; H. Hamilton, *History of the Homeland*; S. Pollard, *The Development of the British Economy, 1914-1950*.

Books on particular subjects will be recommended in the course of the lectures.

**263. Economic History of England and Western Europe in the Sixteenth and Seventeenth Centuries.** Dr. Coleman. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*English Economic History, 1485-1760*, V 3; VI 7 and 8c (Second Year); B.A. Honours in History, optional subject of Economic History.

**Syllabus.**—This course will examine the economy of England in some detail and that of Western Europe in broad outline. Aspects of the English economy to be considered will include: the structure and growth of population, agriculture, industry, trade, finance, and the movement of prices, as well as various economic and social problems and the main features of state policy in relation thereto. Economic development in continental Europe will be considered partly for the purpose of comparison with that of England and partly with reference to England's economic relationships overseas.

**Recommended reading.**—A book-list will be issued at the beginning of the course.

**264. English Economic History in its European Background, 1700-1850.** Dr. John and Dr. Mingay. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (Second Year)—*English Economic History, 1485-1760*, V 3; VI 7 and 8c; *English Economic History from 1760*, V 4; VI 7 and 8d; B.A. Honours in History, optional subject of Economic History.

**Syllabus.**—Factors making for an expansion of the English economy will be examined as well as some of the consequent economic and social problems. The subjects to be treated will include the social background and government economic policy in the eighteenth century; industrial fluctuations; the development of London as a national and international money market; the growth of population; English invisible exports; changes in the structure and location of industry; the growth of a labour force; early industrialism and social discontent.

**Recommended reading.**—A bibliography will be given at the beginning of the course.

**265. English Economic History after 1850.** Mr. W. M. Stern and others. Twenty-three lectures, Sessional.

For B.Sc. (Econ.) Part II—*English Economic History from 1760*, V 4; VI 7 and 8d (Second Year).

**Syllabus.**—The treatment of the subject is by topics: a general survey, which traces the background of cyclical fluctuations, is followed by detailed consideration of developments in agriculture, industry, labour problems and overseas trade and briefer discussions of public finance and the capital market. The course includes six lectures on social history, covering such topics as population growth, class structure, housing, education and the development of the other social services.

**Recommended reading.**—W. Ashworth, *An Economic History of England, 1870-1939*; J. H. Clapham, *An Economic History of Modern Britain*, Vols. II and III; W. H. B. Court,

*A Concise Economic History of Britain from 1750 to Recent Times*; H. Lynd, *England in the Eighteen-Eighties*; G. Dangerfield, *The Strange Death of Liberal England*; C. L. Mowat, *Britain between the Wars, 1918-1940*; S. Pollard, *The Development of the British Economy, 1914-1950*; W. W. Rostow, *The British Economy of the Nineteenth Century*; Lord Ernle, *English Farming, Past and Present*; F. M. L. Thompson, *English Landed Society in the Nineteenth Century*; G. J. Shaw-Lefevre, *Agrarian Tenures*; W. Hasbach, *A History of the English Agricultural Labourer*; J. Caird, *The Landed Interest and the Supply of Food*; G. C. Allen, *British Industries and their Organization* (3rd edn.); A. Plummer, *New British Industries in the Twentieth Century*; P. Fitzgerald, *Industrial Combination in England*; W. S. Jevons, *The Coal Question*; D. L. Burn, *The Economic History of Steel Making, 1867-1939*; P. W. S. Andrews and E. Brunner, *Capital Development in Steel*; E. C. Cleveland-Stevens, *English Railways: their Development and their Relation to the State*; W. A. Robertson, *Combination among Railway Companies*; S. and B. Webb, *The Story of the King's Highway*; W. Rees Jeffreys, *The King's Highway*; S. H. Northcote, *Twenty Years of Financial Policy, 1842-1861*; S. C. Buxton, *Finance and Politics*; B. Mallet, *British Budgets, 1887/88-1912/13*; D. H. MacGregor, *Public Aspects of Finance*; J. F. Rees, *A Short Fiscal and Financial History of England, 1815-1918*; U. K. Hicks, *British Public Finances: their Structure and Development, 1880-1952*; *The Finance of British Government, 1920-1936*; E. Cannan, *The History of Local Rates in England*; E. L. Hargreaves, *The National Debt*; B. Chubb, *The Control of Public Expenditure*; S. M. Peto, *Taxation, its Levy and Expenditure*; Viscount Goschen, *Essays and Addresses on Economic Questions (1865-1893)*; Financial Reform Association, *Fifty Years' Retrospect, 1848-1898*; S. and B. Webb, *A History of Trade Unionism to 1920*; *Industrial Democracy*; G. D. H. Cole, *A Short History of the British Working Class Movement, 1789-1937*; H. M. Pelling, *The Origins of the Labour Party*; *A History of British Trade Unionism*; Lord Elton, "England, Arise!"; J. B. Jeffreys (Ed.), *Labour's Formative Years, 1849-1879*; E. J. Hobsbawm (Ed.), *Labour's Turning Point, 1880-1900*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain*; W. Milne-Bailey, *Trade Unions and the State*; National Association for the Promotion of Social Science, *Report of the Committee on Trades' Societies and Strikes (1860)*; Sir John Simon, *English Sanitary Institutions*; R. H. Shryock, *The Development of Modern Medicine*; *Matters of Life and Death* (H.M.S.O., 3rd edn., 1956); *Report of the Royal Commission on Population, 1949*; J. A. Banks, *Prosperity and Parenthood*; R. Lewis and A. E. U. Maude, *The English Middle Classes*; G. D. H. Cole, *Studies in Class Structure*; R. Strachey, "The Cause"; E. H. C. Moberly Bell, *Storming the Citadel*; O. R. McGregor, *Divorce in England*; C. Birchenough, *The History of Elementary Education*; *Report of the Consultative Committee on the Education of the Adolescent (1927)*, Chap. 1; W. Ashworth, *The Genesis of Modern British Town Planning*; M. E. A. Bowley, *Housing and the State*; A. F. Young and E. T. Ashton, *British Social Work in the Nineteenth Century*; A. E. Feavearyear, *The Pound Sterling*; W. T. C. King, *History of the London Discount Market*; S. E. Thomas, *The Rise and Growth of Joint Stock Banking*; R. S. Sayers, *Lloyds Bank in the History of English Banking*; W. F. Crick and J. E. Wadsworth, *A Hundred Years of Joint Stock Banking*; W. Bagehot, *Lombard Street*; T. E. G. Gregory, *Select Statutes, Documents and Reports relating to British Banking, 1832-1928*; B. C. Hunt, *The Development of the Business Corporation in England, 1800-1867*; G. H. Evans, *British Corporation Finance*; L. H. Jenks, *The Migration of British Capital to 1875*; C. K. Hobson, *The Export of Capital*; H. Feis, *Europe, the World's Banker, 1870-1914*; A. K. Cairncross, *Home and Foreign Investment, 1870-1913*; C. J. Fuchs, *The Trade Policy of Great Britain and her Colonies since 1860*; S. B. Saul, *Studies in British Overseas Trade, 1870-1914*; R. J. S. Hoffman, *Great Britain and the German Trade Rivalry, 1875-1914*; A. H. Imlah, *Economic Elements in the Pax Britannica*; A. E. Kahn, *Great Britain in the World Economy*; F. C. C. Benham, *Great Britain under Protection*.

**266. The Social and Political Structure of England in the late Sixteenth and early Seventeenth Centuries.** Professor Fisher. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II—special subject of Modern Economic History (Second Year).

**Syllabus and recommended reading** will be given at the beginning of the course.

**267. The Social and Political Structure of England in the Nineteenth Century.** Dr. Brown and Dr. John. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—special subject of Modern Economic History (Third Year).  
Syllabus and recommended reading will be given at the beginning of the course.

**268. Industrial History.** Dr. Coleman. Ten lectures, Lent Term.

For Engineers and Applied Scientists (see Course 132); and for Diploma in Personnel Management.

**Syllabus.**—The purpose of this course is to give a general outline of the development of industrialization in the modern world and to consider in slightly more detail the economic history of Great Britain since the Industrial Revolution.

**Recommended reading.**—R. T. Gill, *Economic Development: Past and Present*; W. A. Lewis, *The Theory of Economic Growth*; M. W. Thomas (Ed.), *A Survey of English Economic History*; T. S. Ashton, *The Industrial Revolution, 1760-1830*; W. Ashworth, *A Short History of the International Economy since 1850*; H. F. Williamson (Ed.), *The Growth of the American Economy*; F. Thistlethwaite, *The Great Experiment*.

**269. Introduction to the Economic History of North America.**

Prof. Fisher and Mr. Potter. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783*, V 7; VI 7 and 8g (Second Year).

**270. Economic History of the United States of America since 1783.** Mr. Potter and Dr. Erickson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783*, V 7; VI 7 and 8g (Third Year).

**Syllabus.**—Survey of economic conditions in the U.S.A. at the end of the eighteenth century.

Economic aspects of the American constitution; economic problems and policies in the first decades of the American republic.

Consideration of factors influencing North American economic development: the frontier and access to natural resources; supply of capital and the evolution of financial institutions; supply and recruitment of labour; invention and innovation.

Developments in transport, agriculture and industry; the financing and construction of canals and railroads; the disposal of public lands; sectional conflicts; agriculture since the Civil War; economic problems of the agrarian West; industrial combinations and scale of enterprise; American business fluctuations; the industrialisation of the South and West; characteristics of the American market and the development of marketing methods; problems of the inter-war period; American trade unions.

The economic relations of the United States with Great Britain and with the rest of the world: trade and shipping; migration and the flow of capital.

The economic policy of governments: federal and state finance; banking from the First Bank of the United States to the Federal Reserve System; tariffs; anti-trust legislation; the New Deal.

**Recommended reading.**—The most suitable work for this course is R. M. Robertson, *History of the American Economy (1955)*. Valuable introductory reading will be found in H. C. Allen and C. P. Hill (Eds.), *British Essays in American History (1957)*; E. A. J. Johnson and H. E. Krooss, *The Origins and Development of the American Economy (1953)*; and F. Thistlethwaite, *The Great Experiment (1955)*. Other useful text-books include: E. C. Kirkland, *A History of American Economic Life (1951)*; B. and L. P. Mitchell,

*American Economic History (1947)*; F. A. Shannon, *America's Economic Growth (1951)*; H. F. Williamson (Ed.), *The Growth of the American Economy (1951)*; C. W. Wright, *Economic History of the United States (1949)*.

Other works: C. A. Beard, *An Economic Interpretation of the Constitution of the United States*; C. A. Beard, *The Economic Origins of Jeffersonian Democracy*; H. H. Bellot, *American History and American Historians*; R. T. Berthoff, *British Immigrants in Industrial America, 1790-1950*; E. L. Bogart and C. M. Thompson, *Readings in the Economic History of the United States*; J. B. Brebner, *North Atlantic Triangle*; V. S. Clark, *History of Manufactures in the United States*; Department of American Studies, Amherst College (Eds.), *Problems of American Civilization—Selected Readings*; J. Dorfman, *The Economic Mind in American Civilization*; F. R. Dulles, *Labor in America*; E. J. Ferguson, *The Power of the Purse*; E. Frickey, *Economic Fluctuations in the United States, 1865-1914*; Production in the United States, 1860-1914; P. W. Gates, *The Farmers Age, Agriculture 1815-60*; C. L. Goodrich, *Government Promotion of American Canals and Railroads*; B. Hammond, *Banks and Politics in America from the Revolution to the Civil War*; M. L. Hansen, *The Immigrant in American History*; E. C. Kirkland, *Industry Comes of Age, 1860-97*; H. B. Lary, *The United States in the World Economy*; T. G. Manning and D. M. Potter, *Select Problems in Historical Interpretation*; M. Meyers, *The Jacksonian Persuasion: Politics and Belief*; National Bureau of Economic Research, *Trends in the American Economy in the Nineteenth Century (Studies in Income and Wealth, Vol. 24)*; H. S. Perloff and others, *Regions, Resources and Economic Growth*; U. B. Phillips, *Life and Labor in the Old South*; F. A. Shannon, *The Farmer's Last Frontier*; W. P. Strassman, *Risk and Technological Innovation*; G. R. Taylor, *The Transportation Revolution*; Brinley Thomas, *Migration and Economic Growth*; W. P. Webb, *The Great Plains*.

**271. The U.S.A. in the 1930s.** Mr. Potter, Mr. Pear and others. Summer Term.

For B.Sc. (Econ.) Part II—special subject of Economic History (Third Year); and all other Third Year students interested.

**Syllabus.**—A short course will be held at the beginning of the Summer Term on economic, political and constitutional aspects of the New Deal.

**272. Economic History of the United States of America (Class).** Dr. Erickson and Mr. Potter.

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783*, V 7; VI 7 and 8g (Third Year).

**273. Economic History of England from the Norman Conquest to 1485.** Professor Carus-Wilson and Dr. Bridbury. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—Alternative subject 13, *Economic History of England from the Norman Conquest to 1485*; and for B.A. Honours in History (Second Year).

**Recommended reading.**—Books will be recommended during the course.

**274. Mediæval Economic History (Classes).** Classes for students taking the B.Sc. (Econ.) Part II—special subject of Economic History (Mediæval) will be held by Professor Carus-Wilson.

**275. Economic History from the Norman Conquest to 1485 (Classes).** Classes for day and evening students taking this alternative subject for Part I of the B.Sc. (Econ.) degree will be held by Dr. Bridbury and Miss Coleman.

276. **Economic History, 1575-1642 (Class).** A class for students taking this special period for Part II of the B.Sc. (Econ.) degree will be held by Professor Fisher.
277. **Modern Economic History, 1830-1886 (Class).** Classes for students taking this special period for Part II of the B.Sc. (Econ.) degree will be held by Dr. John and Mr. W. M. Stern.

## FOR GRADUATE STUDENTS

278. **Economic History of the Eighteenth and Early Nineteenth Centuries (Seminar).** This seminar will be held fortnightly by Dr. A. H. John at the Institute of Historical Research. Admission will be strictly by permission of Dr. John.

## INTERNATIONAL HISTORY

289. **Political History, 1763-1939.** Dr. Anderson, Dr. Nish and Mr. Dilks. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; LL.B. Intermediate.

**Syllabus.**—The course will provide a general survey of European history in the period, with some reference also to the United States, special attention being given to the growth of the modern nation states and their impact on the non-European world.

**Recommended reading.**—A basic textbook can be chosen from one of the following: E. Barker (Ed.), *The European Inheritance*, Vols. II and III (part of Vol. III, by G. Bruun, is available in the Home University Library series); G. Bruun and W. K. Ferguson, *A Survey of European Civilisation*; C. J. H. Hayes and C. W. Cole, *History of Europe*; T. W. Riker, *A Short History of Modern Europe*; J. C. Reville, *World History*.

More detailed books on specific periods are: D. Thomson, *Europe since Napoleon*; M. Bruce, *The Shaping of the Modern World, 1870-1939*, Vol. I, 1870-1914; F. L. Bennis, *Europe since 1914 in its World Setting* or C. E. Black and E. C. Helmreich, *Twentieth-Century Europe*. Guidance on further reading can best be obtained from W. N. Medlicott, *Modern European History, 1789-1945, A select bibliography* (published by the Historical Association, *Helps for Students of History* No. 60).

The following volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, are recommended for more advanced reading: L. Gershoy, *From Despotism to Revolution, 1763-1789*; C. Brinton, *A Decade of Revolution, 1789-1799*; G. Bruun, *Europe and the French Imperium, 1799-1814*; F. B. Artz, *Reaction and Revolution, 1814-1832*; R. C. Binkley, *Realism and Nationalism, 1852-1871*; C. J. H. Hayes, *A Generation of Materialism, 1871-1900*. Of the numerous national and regional histories, the best guides are: A. Cobban, *A History of Modern France*, 2 vols. (Pelican series); E. J. Passant and others, *A Short History of Germany, 1815-1945*; A. Vernadsky, *A History of Russia*; D. Mack Smith, *Italy: a Modern History*; A. Nevins, *A Brief History of the United States*; H. M. Vinacke, *A History of the Far East in Modern Times*; R. A. Humphreys, *The Evolution of Latin America*.

A Historical Atlas, such as Robertson's, Muir's, or Seligman's, is essential.

290. **Political History.** Dr. Lowe, Dr. Bourne, Miss Lee and Mr. Grün. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*Political History*, I 2a; II 2; IV 2a; V 8k; VII 2; VIII 3; XI 3a; XII 3; XIV 3 (Second Year).

**Syllabus.**—The general political relationships of the powers since the sixteenth century; the effect of the Renaissance, the Reformation and the Expansion of Europe upon political life; the rise of the nation states; the absolute monarchies of the sixteenth and seventeenth centuries; the Enlightenment of the eighteenth century; the American Revolution and the break-up of the old colonial Empires; the French Revolution and its Napoleonic aftermath; the reconstruction of Europe, 1813-22; the subsequent progress of liberal, revolutionary and nationalist movements; the growth of the great modern states; the new imperialism, with special reference to Africa and the Far East; the United States and Japan in world affairs; the first world war and its aftermath.

**Recommended reading.**—Any of the following outline surveys can be chosen: M. Beloff (Ed.), *History, Mankind and his Story*; J. C. Reville, *World History*; G. Bruun and W. K. Ferguson, *A Survey of European Civilisation*; H. A. L. Fisher, *History of Europe*; A. J. Grant, *Five Centuries of Europe*; Hayes and Cole, *History of Europe*; E. Lipson, *Europe in the 19th Century*; H. G. Nicholas, *American Union*.

This can be followed by the study of a more detailed survey, such as, C. J. Hayes, *A Political and Cultural History of Europe* (any edition, preferably that of 1952); A. J. Grant and H. W. V. Temperley, *Europe in the Nineteenth and Twentieth Centuries, 1789-1950* (6th edn. revised by L. M. Penson); J. H. Jackson (Ed.), *A Modern History of Europe*; T. W. Riker, *A Short History of Modern Europe* (1948 edition); David Thomson, *Europe since Napoleon*; G. A. Craig, *Europe since 1815*; C. E. Black and E. C. Helmreich, *Twentieth-Century Europe*. For more advanced reading the volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, can be recommended. The following are useful for non-European developments: S. E. Morison and H. L. Commager, *Growth of the American Republic*, or A. Nevins, *A Brief History of the United States*; R. Muir, *The Expansion of Europe*; Sir John Pratt, *The Expansion of Europe into the Far East*, or K. S. Latourette, *A Short History of the Far East*.

A historical atlas is necessary, either Muir's *Historical Atlas*, or Robertson and Bartholomew, *Historical Atlas, 1789-1914*, or Seligman's *Historical Atlas*.

Advice on specialisation in the history of countries, areas and periods, with books and articles for such specialisation, will be given during lectures and classes.

**291. International History, 1500-1815.** Dr. Anderson and Mr. Grün. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*International History, 1494-1815*; XIII 4 (Second Year); B.A. Honours in History (First and Second Years).

**Syllabus.**—The main aspects of the relations between the European powers, with attention to intellectual, military and economic factors. The development of diplomatic organisation will also be studied.

**Recommended reading.**—

**DIPLOMACY AND DIPLOMATIC ORGANISATION:** Sir G. Butler and S. Maccoby, *The Development of International Law*; D. P. Heatley, *Diplomacy and the Study of International Relations*; G. Mattingly, *Renaissance Diplomacy*; Sir E. M. Satow, *A Guide to Diplomatic Practice*.

**DIPLOMATIC HISTORY: GENERAL:** G. Zeller, *Les temps modernes*, Pts. i and ii. (in the series *Histoire des Relations Internationales*) (P. Renouvin, Ed.); A. Fugier, *La Révolution Française et l'Empire Napoléonien* (in the same series); A. Sorel, *L'Europe et la Révolution Française*, Vol. I *Les Mœurs et les Traditions*; *New Cambridge Modern History*, relevant chaps. of Vols. I, II, V and VII (especially Vol. I, chap. ix, Vol. II, chaps. x, xi and xvi, Vol. V, chap. ix, Vol. VII, chaps. ix, xviii-xx). W. L. Langer (Ed.), *The Rise of Modern Europe*, relevant portions from the volumes covering this period; or from the relevant volumes in the series *Clio: Introduction aux Etudes Historiques*; V. P. Potemkin (Ed.), *Histoire de la Diplomatie*, Vol. I.

**INDIVIDUAL COUNTRIES:** P. Rain, *La Diplomatie Française d'Henri IV à Vergennes*; Sir A. W. Ward and G. P. Gooch (Eds.), *The Cambridge History of British Foreign Policy*, Vol. I; S. F. Bemis, *A Diplomatic History of the United States*; C. de Grunwald, *Trois Siècles de Diplomatie Russe*.

**MILITARY AND STRATEGIC BACKGROUND:** J. U. Nef, *War and Human Progress*; A. Vagts, *A History of Militarism*; E. M. Earle and others (Ed.), *Makers of Modern Strategy*.

Further reading on particular aspects or periods will be recommended during the course.

**292. Diplomatic Relations of the Great Powers, 1815-1914.**

Professor Medlicott and Miss Lee. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Diplomatic Relations of the Great Powers, 1815-1914*, XIII 5 (Second Year); *International History, 1815-1945*, V 8c; VI 7 and 8e, XI 4 (Second Year); B.A. Honours in History—optional subject of Diplomatic Relations since 1815 (Second Year); Certificate in International Studies.

(a) **Origin and Character of 19th Century Diplomatic Developments.** Professor Medlicott. Six lectures.

(b) **The Palmerston-Metternich Era, 1830-1848.** Miss Lee. Six lectures.

(c) **The Bismarck Era, 1848-1890.** Professor Medlicott. Fourteen lectures.

(d) **The Era of the First World War, 1890-1914.** Professor Medlicott. Fourteen lectures.

**Recommended reading.**—A. J. Grant and H. W. V. Temperley, *Europe in the Nineteenth and Twentieth Centuries, 1789-1950* (6th edn. revised by L. M. Penson: text-book); R. Albrecht-Carrié, *A Diplomatic History of Europe since the Congress of Vienna*; C. Dupuis, *Le Principe d'Equilibre et le Concert Européen*; W. N. Medlicott, *Modern European History, 1789-1945, A select bibliography*; R. W. Seton-Watson, *Britain in Europe, 1789-1914*; C. K. Webster, *The Congress of Vienna*; *The Foreign Policy of Castlereagh* (2 vols.); *The Foreign Policy of Palmerston* (2 vols.); H. W. V. Temperley, *The Foreign Policy of Canning*; H. G. Schenk, *The Aftermath of the Napoleonic Wars*; C. W. Crawley, *The Question of Greek Independence, 1821-1833*; H. W. V. Temperley, *England and the Near East (1808-1854)*; H. M. Vinacke, *A History of the Far East in Modern Times*; A. J. Whyte, *The Evolution of Modern Italy*; E. Darmstaedter, *Bismarck and the Creation of the Second Reich*; P. de la Gorce, *Napoleon III et sa politique*; L. P. Wallace, *The Papacy and European Diplomacy, 1869-1878*; B. H. Sumner, *Russia and the Balkans, 1870-1880*; W. N. Medlicott, *The Congress of Berlin and After*; *Bismarck, Gladstone, and the Concert of Europe*; W. L. Langer, *European Alliances and Alignments*; *The Franco-Russian Alliance, 1890-1894*; *The Diplomacy of Imperialism*; P. N. S. Mansergh, *The Coming of the First World War, 1878-1914*; H. C. Allen, *Great Britain and the United States*. Further books on particular aspects will be recommended during the course.

**293. International History, 1914-1945.** Mr. Grün and Mr. Watt.

Twenty lectures, Summer Term for second year students; twenty lectures, Michaelmas Term for third year students.

For B.Sc. (Econ.) Part II—*International History, 1914-1945*, XIII 6; *International History, 1815-1945*, V 8c; VI 7 and 8e; XI 4; B.A. Honours in History—optional subject of Diplomatic Relations since 1815; Certificate in International Studies.

**Syllabus.**—The political and diplomatic history of the period, with due attention to both European and non-European developments.

**Recommended reading.**—G. M. Gathorne-Hardy, *A Short History of International Affairs, 1920-1939* (4th edn.); F. P. Walters, *A History of the League of Nations*; W. M. Jordan, *Great Britain, France and the German Problem, 1918-1939*; A. Wolfers, *Britain and France between two Wars*; H. V. Hodson, *Slump and Recovery, 1929-1937*; W. N. Medlicott, *The Coming of War in 1939* (Historical Association pamphlet, No. 952); G. M. Carter, *The British Commonwealth and International Security*; H. I. Nelson, *Land and Power*; E. H. Carr, *German-Soviet Relations between the two World Wars, 1919-1939*; A. L. C. Bullock, *Hitler: A Study in Tyranny*; E. Wiskemann, *The Rome-Berlin Axis*; M. Beloff, *The Foreign Policy of Soviet Russia, 1929-1941*; R. W. van Alstyne, *American Crisis Diplomacy*; J. T. Pratt, *War and Politics in China*; H. Feis, *The Road to Pearl Harbor*; Churchill, *Roosevelt, Stalin*; *Between War and Peace: the Potsdam Conference*; C. Wilmot, *The Struggle for Europe*; W. W. Gottlieb, *Studies in Secret Diplomacy*; Sir Llewellyn Woodward, *British Foreign Policy in the Second World War*; C. A. Macartney and A. W. Palmer, *Independent Eastern Europe*; J. Erickson, *The Soviet High Command*; L. E. Kochan, *The Struggle for Germany, 1914-1945*.

Further material for reading will be suggested in the course of the lectures.

**294. The Mediterranean in International Politics, 1815-1914.**

Miss Lee. Six lectures, Michaelmas Term.

For students taking B.Sc. (Econ.) Part II—Special subjects of International History and International Relations (Third Year); and other students interested.

**Syllabus.**—A study of political, strategic, and economic developments in the Mediterranean region as a factor in international relations, 1815-1914.**Recommended reading.**—See bibliography for course 292 and particular study of the following:—J. E. Swain, *Struggle for the Control of the Mediterranean prior to 1848*; F. R. Flournoy, *British Policy towards Morocco in the Age of Palmerston*; V. J. Puryear, *France and the Levant*; H. L. Hoskins, *British Routes to India*; C. W. Hallberg, *The Suez Canal*; W. L. Langer, "The European Powers and the French Occupation of Tunis" (*American History Review*, XXXI, 1925-26); W. N. Medlicott, "The Mediterranean Agreements of 1887" (*Slavonic Review*, V, 1926-7); A. J. Marder, *The Anatomy of British Sea Power*; J. Tramond and A. Reussner, *Éléments d'Histoire Maritime et Coloniale*; R. Pinon, *L'Empire de la Méditerranée*; J. Marlowe, *Anglo-Egyptian Relations, 1800-1953*.**295. Africa in International Politics, 1870-1914.** Mr. Dilks. Ten lectures, Lent Term.

For students taking B.Sc. (Econ.) Part II—Special subjects of International History and International Relations; and other students interested.

**Syllabus.**—An examination of some aspects of the diplomacy of the European powers in relation to Africa south of the Sahara.**Recommended reading.**—Sir C. P. Lucas, *The Partition and Colonisation of Africa*; Sir H. M. Stanley, *The Congo and the Founding of its Free State*; K. O. Diké, *Trade and Politics in the Niger Delta, 1830-1885*; L. S. Woolf, *Empire and Commerce in Africa*; M. F. Perham and J. Simmons (Eds.), *African Discovery, an Anthology of Exploration*; H. R. Rudin, *Germans in the Cameroons, 1884-1914*; R. E. Robinson and others, *Africa and the Victorians*.**296. The Baltic in International Politics since 1815.** Dr. Hatton.

Eight lectures, Lent Term (day only). (This course will not be given in the session 1964-65; it will be given in the session 1965-66.)

For students taking B.Sc. (Econ.) Part II—Special subjects of International History and International Relations (Third Year); and other students interested

**Syllabus.**—The changes of 1814-15 within the Northern balance; the Pan-Scandinavian movement 1830-60; the Crimean War; the Slesvig-Holstein crisis 1860-4; the nationalist era 1870-1918 and the independence movements in Norway, Finland, the east-Baltic states, and Iceland; Scandinavia and the League of Nations; Scandinavia and the approach of World War II.**Recommended reading.**—The national histories by J. H. Birch, L. Krabbe, K. Larsen, I. Andersson, and E. Jutikkala; L. D. Steefel, *The Schleswig-Holstein Question*; E. F. Heckscher (Ed.), *Sweden, Norway, Denmark and Iceland in the World War*; W. F. Reddaway, *Problems of the Baltic*; H. Friis, *Scandinavia between East and West*; S. S. Jones, *The Scandinavian States and the League of Nations*; H. Tingsten, *The Debate on the Foreign Policy of Sweden, 1918-1939*; F. D. Scott, *The United States and Scandinavia*; R. E. Lindgren, *Norway-Sweden, Union, Disunion, and Scandinavian Integration*; F. Lindberg, *Scandinavia in Great Power Politics, 1905-1908*.**297. The Maritime Policies of the Great Powers, 1918-1939.**

Mr. Watt. Eight lectures, Michaelmas Term.

For students taking B.Sc. (Econ.) Part II—Special subjects of International History and International Relations (Third Year); M.Sc. (Econ.) students specialising in International History; and other students interested.

**Syllabus.**—A study of the origins, inspiration and consequences, and the diplomatic and strategic interactions of the naval policies of the leading sea-powers, i.e. Great Britain, France, Germany, Italy, Japan, the Soviet Union and the United States in the years 1918-1939; together with the origins, workings and break-down of the various provisions, proposals, conferences, agreements and treaties on disarmament, arms limitation and control at sea in the same period. Attention will be paid to the machinery of politico-military consultation and to the naval doctrines governing the formulation of those policies, and to the effects of technological developments. The subject will be dealt with in the general context of the development of international political relations in the inter-war years and for the light it may throw upon the more general issues of arms limitation and control by international agreement.**Recommended reading.**—R. de Belot and A. Reussner, *La Puissance Navale dans l'Histoire*, Tome 3; F. H. Hinsley, *Command of the Sea*; H. H. and M. T. Sprout, *Toward a New Order of Sea Power*; J. Erickson, *The Soviet High Command*.

A full bibliography will be given out at the first lecture.

**298. British-American-Russian Relations, 1815-1914.** Dr. Anderson, Dr. Nish and Dr. Bourne. Twenty-five lectures, Michaelmas and Lent Terms.For B.Sc. (Econ.) Part II—*British-American-Russian Relations, 1815-1914*, XIII 8c (Third Year); B.A. Honours in History—Optional subject of Diplomatic Relations of the Great Powers since 1815 (Third Year); Certificate in International Studies.**Syllabus.**—Diplomatic relations of the three powers during the period, with due attention to the geographical, economic and strategic factors which shaped their foreign policies in the areas of contact and tension.**Recommended reading.**—H. C. Allen, *Great Britain and the United States*; T. A. Bailey, *A Diplomatic History of the American People* (7th edn., 1963); S. F. Bemis, *A Diplomatic History of the United States* (4th edn., 1963); R. W. van Alstyne, *American Diplomacy in Action*; E. Hölzle, *Russland und Amerika*; W. A. Williams, *American-Russian Relations, 1781-1947*; D. Perkins, *Hands Off: A History of the Monroe Doctrine*; W. C. Costin, *Great Britain and China, 1833-1860*; J. K. Fairbank, *Trade and Diplomacy on the China Coast*; P. Joseph, *Foreign Diplomacy in China, 1894-1900*; H. H. Dodwell, *A Sketch of the History of India from 1858 to 1918* (*The Cambridge History of the British Empire*, Vol. 4, Chap. 28, Vol. 5, Chaps. 23 and 25); W. Habberton, *Anglo-Russian Relations concerning Afghanistan, 1837-1907*; W. G. Beasley, *Great Britain and the Opening of Japan*; A. Malozemoff, *Russian Far Eastern Policy, 1881-1904*; G. A. Lensen, *The Russian Push towards Japan: Russo-Japanese Relations, 1697-1875*; H. H. and M. T. Sprout, *The Rise of American Naval Power, 1776-1918*; A. J. Marder, *British Naval Policy, 1880-1905*; F. H. Michael and G. E. Taylor, *The Far East in the Modern World*; W. L. Langer, *The Diplomacy of Imperialism*; A. W. Griswold, *The Far Eastern Policy of the United States*; E. H. Zabriskie, *American-Russian Rivalry in the Far East, 1895-1914*; L. M. Gelber, *The Rise of Anglo-American Friendship, 1898-1906*; A. E. Campbell, *Great Britain and the United States, 1895-1903*; G. W. Monger, *The End of Isolation: British Foreign Policy, 1900-1907*; G. T. Alder, *British India's Northern Frontier, 1865-1895*; J. A. S. Grenville, *Lord Salisbury and Foreign Policy*.**299. The Old Foreign Office, 1815-1861.** Dr. Hearder. Twenty lectures, Michaelmas and Lent Terms.For B.Sc. (Econ.) Part II—*The Old Foreign Office, 1815-1861*, XIII 7a (Third Year).**Syllabus.**—The development and working of the British Foreign Office and diplomatic and consular machinery, based on the following authorities:—Report from the Select Committee appointed to inquire into the Constitution and Efficiency of the Present Diplomatic Service; together with the *Proceedings* of the Committee, *Minutes of Evidence*, *Appendix and Index* (23 July 1861); E. Hertslet, *Recollections of the Old Foreign Office* (1901); H. W. V. Temperley and L. M. Penson, *A Century of Diplomatic Blue Books, 1814-1914* (1938).



**300. The Great Powers and Egypt, 1882-1888.** Miss Lee. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Great Powers and Egypt, 1882-1888*, XIII 7b (Third Year).

**Syllabus.**—The international development of the Egyptian question, with special reference to the Suez Canal, based on the following authorities:—

*British and Foreign State Papers, 1882-1883* (Vol. lxxiv); 1887-1888 (Vol. lxxix); C. de Freycinet, *La Question d'Égypte* (1905); Lord Cromer, *Modern Egypt* (1908).

**Recommended reading.**—FOR REFERENCE: R. E. Robinson and J. Gallagher, *Africa and the Victorians*, chaps. 4 and 5; Lord E. Fitzmaurice, *The Life of Granville* (2 vols.); Lord T. W. L. Newton, *Lord Lyons*; Sir E. Malet, *Egypt 1879-1883*; J. L. Garvin and J. Amery, *The Life of Joseph Chamberlain*; S. L. Gwynn and G. M. Tuckwell, *The Life of the Rt. Hon. Sir Charles W. Dilke*; L. C. Roberts, "Italy and the Egyptian Question 1878-1882" (*The Journal of Modern History*, Dec., 1946); J. Marlowe, *Anglo-Egyptian Relations 1800-1953*; M. P. Hornik, "The Special Mission of Sir Henry Drummond Wolff to Constantinople, 1885-1887" (*The English Historical Review*, Vol. 55); C. W. Hallberg, *The Suez Canal*.

**301. The Manchurian Crisis, 1931-33.** Mr. Grün. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Manchurian Crisis, 1931-1933*, XI 7 and 8c; XIII 7c (Third Year).

**Syllabus.**—A detailed survey, based on the study of available original sources, of the international implications of the Sino-Japanese conflict from the time of the Mukden incident (September, 1931) to the conclusion of the Tangku truce (May, 1933). The policies of the Great Powers as well as the role played by the League of Nations will be examined, and the significance of the crisis will be placed in the context of the development of international relations in the inter-war years, based on the following authorities:—

*Papers Relating to the Foreign Relations of the United States, Japan: 1931-1941*, Vol. I, pp. 1-117; *League of Nations: Official Journal*, Special Supplements Nos. 101-102 and 111-113; *League of Nations: Appeal by the Chinese Government, Report of the Commission of Enquiry*.

FOR REFERENCE.—W. W. Willoughby, *The Sino-Japanese Controversy and the League of Nations*; H. L. Stimson, *The Far Eastern Crisis*; A. Rappaport, *Henry L. Stimson and Japan, 1931-33*; S. R. Smith, *The Manchurian Crisis, 1931-1932*; R. Bassett, *Democracy and Foreign Policy*; Documents on British Foreign Policy, 1919-1939, Second Series, Vol. VIII.

**302. Anglo-German Naval Diplomacy, 1933-1939.** Mr. Watt. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Anglo-German Naval Diplomacy, 1933-1939*, XI 7 and 8c; XIII 7d (Third Year).

**Syllabus.**—A study in detail of the interaction of strategic and diplomatic factors in Anglo-German relations, 1933-1939, in the naval sphere. The course will be based on selected documents from the following authorities: *Documents on German Foreign Policy*, Series C, Vols. II-VI, Series D, Vols. IV and VI; *Trial of the Major War Criminals; Documents on British Foreign Policy*, 2nd Series, 3rd Series, Vols. III-IV; *Foreign Relations of the United States, 1934-1938*; "Führer Conferences on Naval Affairs" in *Brassey's Naval Annual, 1948*; N. H. Baynes (Ed.), *Hitler's Speeches, 1922-1939*, Vol. II; selected extracts from the *German Admiralty Archives* (from originals on microfilm in P.R.O. and the U.S. Department of the Navy).

**303. International Economic History, 1850-1945.** Mr. W. M. Stern. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*International Economic History, 1850-1945*, V 8d; VI 7 and 8f (Second or Third Year); XIII 8b (Third Year).

**Syllabus.**—Growth and distribution of world population. Growth of manufacturing industry. Development of agriculture, international trade and investment and the chief influences upon them, including changes in transport, in financial organisation, and in the commercial policies of the Great Powers. The growth of international economic organisations, both public and private. The changing influence of economic factors on the political and military strength of the Great Powers.

**Recommended reading.**—P. Ashley, *Modern Tariff History*; W. Ashworth, *A Short History of the International Economy since 1850*; J. B. Condliffe, *The Commerce of Nations*; M. R. Davie, *World Immigration*; H. Feis, *Europe, the World's Banker, 1870-1914*; I. Ferenczi and W. F. Willcox, *International Migrations*; League of Nations, II, Economic and Financial, 1942, A.3, *The Network of World Trade*; A.6, *Commercial Policy in the Inter-War Period*; 1945, A.10, *Industrialization and Foreign Trade*; W. A. Lewis, *Economic Survey, 1919-1939*; Royal Institute of International Affairs, *The Problem of International Investment*; United Nations, 1954, II, E.3, *Growth and Stagnation in the European Economy* (I. Svernilson).

E. Hexner and A. Walters, *International Cartels*; M. Hill, *The Economic and Financial Organization of the League of Nations*; O. J. Lissitzyn, *International Air Transport and National Policy*; L. L. Lorwin, *The International Labor Movement*; E. S. Mason, *Controlling World Trade*; A. Plummer, *International Combines in Modern Industry*; J. Price, *The International Labour Movement*; J. T. Shotwell (Ed.), *The Origins of the International Labor Organization*; A. Sturmhthal, *Unity and Diversity in European Labor*.

W. Y. Carman, *A History of Firearms from Earliest Times to 1914*; H. C. Engelbrecht and F. C. Hanighen, *Merchants of Death: a Study of the International Armament Industry*; W. K. Hancock and M. M. Gowing, *British War Economy* (History of the Second World War, United Kingdom Civil Series); D. T. Jack, *Studies in Economic Warfare*; A. J. Marder, *British Naval Policy, 1880-1905*; J. T. W. Newbold, *How Europe Armed for War (1871-1914)*; E. A. Pratt, *The Rise of Rail Power in War and Conquest, 1833-1914*; *Survey of International Affairs, 1939-46*, Vol. I, *The World in March, 1939*, Part II (Royal Institute of International Affairs); Y.-L. Wu, *Economic Warfare*.

**305. Political History (Class).** Fortnightly classes for the discussion of historical topics will be held throughout the session by members of the Department for first-year day students taking the paper in Political History, B.Sc. (Econ.) Part I and LL.B. Intermediate. Classes for evening students will begin in the Summer Term of the first year and continue through the Michaelmas and Lent Terms of the second year.

**306. Political History (Class).** Fortnightly classes for the discussion of historical topics will be held by members of the Department in the Michaelmas and Lent Terms for Third Year students taking the paper in Political History, B.Sc. (Econ.) Part II. A preliminary meeting will be held in the preceding Summer Term.

**307. International History, 1500-1815 (Class).** Fortnightly classes will be held by Dr. Anderson and Mr. Grün throughout the session for B.Sc. (Econ.) Part II students specialising in International History.

**308. International History, 1815-1945 (Class).** Fortnightly classes will be held by Miss Lee, Dr. Nish, Mr. Grün and Mr. Watt

throughout the session for B.Sc. (Econ.) Part II students specialising in International History.

309. **International History, 1815-1945 (Class).** Fortnightly classes will be held by Dr. Nish and Mr. Dilks throughout the session for B.Sc. (Econ.) Part II students other than International History specialists.

FOR GRADUATE STUDENTS

312. **International History in the Eighteenth Century (Seminar).** This seminar will be held fortnightly by Dr. Hatton at the Institute of Historical Research. Admission will be strictly by permission of Dr. Hatton. (It will be held in the Summer Term only in the session 1964-65, but throughout the session in 1965-66.)
313. **International History, 1815-1939 (Introductory Course).** A class for beginners in research on the sources and methods of research in modern diplomatic history, at the Institute of Historical Research. Dr. Anderson. Michaelmas Term.
314. **International History, 1815-1939 (Seminar).** This seminar will be held fortnightly by Professor Medlicott at the Institute of Historical Research. Admission will be strictly by permission of Professor Medlicott.
315. **The Diplomatic Background of the Second World War (Seminar).** Professor Medlicott, Mr. Grün and Mr. Watt will hold a fortnightly seminar throughout the session. Admission will be strictly by permission of Professor Medlicott.

GENERAL AND SPECIAL COURSES FOR  
B.A. HONOURS IN HISTORY (and for  
B.A. Honours in Geography with  
History Subsidiary)

325. **English History before 1400.** Dr. Waley. Forty lectures in two sessions.  
For B.A. Honours in History (First and Second Years).  
**Recommended reading.**—The best text-books are: R. G. Collingwood and J. N. L. Myres, *Roman Britain and the English Settlements*; F. M. Stenton, *Anglo-Saxon England*; A. L. Poole, *From Domesday Book to Magna Carta*; F. M. Powicke, *The Thirteenth Century*; M. McKisack, *The Fourteenth Century, 1307-1399*; Oxford History of England, Vols. 1-5.  
Other specially recommended works are: W. Stubbs, *Constitutional History of England*; F. Pollock and F. W. Maitland, *History of English Law*; R. H. Hodgkin, *History of the Anglo-Saxons* (edn. 3); F. M. Stenton, *The First Century of English Feudalism*; A. L. Poole, *Obligations of Society in the Twelfth and Thirteenth Centuries*.  
Further books will be recommended during the course.
326. **Mediæval English History (Classes).** Classes will be held throughout the session for students taking B.A. Honours in History.
327. **English History, 1400-1603.** Mrs. Carter. Twenty-five lectures, Sessional. (This course will not be given in the session 1964-65; it will be given in the session 1965-66.)  
For B.A. Honours in History (First and Second Years).  
**Recommended reading.**—Introductory surveys: A. R. Myers, *England in the Late Middle Ages*; S. T. Bindoff, *Tudor England* (vols. 4 and 5 of the Pelican History of England). E. F. Jacob, *The Fifteenth Century*; J. D. Mackie, *The Earlier Tudors* and J. B. Black, *The Reign of Elizabeth in The Oxford History of England*, give extended narrative coverage of the period. Students may also like to consult A. G. Dickens, *Lollards and Protestants in the Diocese of York* and *Thomas Cromwell and the English Reformation*; G. R. Elton, *The Tudor Constitution*; and J. E. Neale, *Elizabeth I and her Parliaments*.  
Further books will be recommended during the course.
328. **English History, 1603-1760.** Mrs. Carter. Twenty lectures, Michaelmas and Lent Terms.  
For B.A. Honours in History (First and Second Years) and for students taking History as a subsidiary subject to B.A. Honours in Geography.  
**Recommended reading.**—Introductory surveys: J. E. C. Hill, *The Century of Revolution*; Dorothy Marshall, *Eighteenth Century England* (vol. 7, *History of England*, Gen. Ed. W. N. Medlicott). Students may also like to consult Sir G. N. Clark, *The Seventeenth Century*; R. H. Tawney, *Business and Politics under James I*; C. V. Wedgwood, *The King's Peace*; *Oliver Cromwell*; J. P. Kenyon, *Robert Spencer, Earl of Sunderland*; J. H. Plumb, *Sir Robert Walpole*; and some of the essays in Richard Pares, *The Historian's Business*.  
Further books will be recommended during the course.

329. **English History from 1400 to 1760 (Classes).** Classes and tutorials will be held by Mrs. Carter throughout the session for students taking B.A. Honours in History.
330. **English History, 1760 to the present day.** Dr. Brown. Forty lectures, Michaelmas and Lent Terms.  
For B.A. Honours in History.  
**Recommended reading.**—References for reading will be given during the course.
331. **English History, 1760 to the present day (Classes).** Classes and tutorials will be held by Dr. Brown throughout the session for students taking B.A. Honours in History.
332. **European History, 1200-1500.** Dr. Waley. Twenty-five lectures. (This course will not be given in the session 1964-65; it will be given in the session 1965-66.)  
For B.A. Honours in History (First and Second Years).  
**Recommended reading.**—Books will be recommended during the course.
333. **Mediæval European History (Classes).** Classes will be held by Dr. Waley throughout the session for students taking B.A. Honours in History.
334. **European History, 1500-1800 (Classes).** Classes will be held by Dr. de Madariaga throughout the session for students taking B.A. Honours in History.
335. **European History since 1800 (Classes).** Classes will be held throughout the session for students taking B.A. Honours in History. (This course will not be given in the session 1964-65; it will be given in the session 1965-66.)
336. **The History of Ancient and Mediæval Political Thought.** Dr. Sharp. Twenty lectures in two terms.  
For B.A. Honours in History (First Year).  
**Recommended reading.**—TEXTS: Plato, *Republic* (trans. F. M. Cornford); Aristotle, *Politics* (trans. E. Barker); St. Augustine, *City of God*, Book XIX (trans. J. W. C. Wand); John of Salisbury, *Policraticus* (trans. J. Dickinson); St. Thomas Aquinas, *Selected Political Writings* (Ed., A. P. d'Entrèves); Dante, *De Monarchia* (trans. P. H. Wicksteed).  
GENERAL: E. Barker, *From Alexander to Constantine*; M. Bowra, *The Greek Experience*; M. Foster, "Plato to Machiavelli" in E. M. Salt (Ed.), *Masters of Political Thought*, Vol. I; C. H. McIlwain, *Growth of Political Thought in the West*; A. P. d'Entrèves, *The Medieval Contribution to Political Thought*; G. Glotz, *The Greek City*; W. W. Tarn, *Hellenistic Civilization* (2nd edn.); L. Homo, *Roman Political Institutions*; G. de Lagarde, *La Naissance de l'Esprit Laïque*, Vols. I and II (2nd edn.); E. Lewis, *Mediæval Political Ideas* (2 vols.); T. Gilby, *Principality and Polity*; W. Ullman, *Principles of Government and Politics in the Middle Ages*.

337. **The History of Political Thought.** Classes will be held by Dr. Sharp and Dr. Morrall in the Michaelmas and Lent Terms for students taking B.A. Honours in History.
338. **English Constitutional History before 1450 (Class).** Classes will be held on English Constitutional History before 1450, for students taking B.A. Honours in History (Second Year) and B.Sc. (Econ.) Part II—special subject of Economic History (Mediæval), Option 7 and 8(a).
339. **Modern English Constitutional History from c. 1530 to the end of the Eighteenth Century.** Mrs. Carter will hold classes in the Michaelmas and Lent Terms for students taking B.A. Honours in History (with optional subject of Modern English Constitutional History) and others.
340. **English Economic History.** Classes for students taking B.A. Honours in History with optional subject of English Economic History will be held throughout the session by Professor Carus-Wilson and others.
341. **The Civilisation of the Renaissance in Italy, 1400-1550.** Classes will be held at the Warburg Institute in the Michaelmas Term for students taking B.A. Honours in History with optional subject of the Civilisation of the Renaissance in Italy, 1400-1550.
342. **Diplomatic History, 1814-1945.** Classes for students taking B.A. Honours in History with optional subject Diplomatic History, 1814-1945 will be held by Dr. Harder.
343. **The Economy of England in the Fifteenth Century (Classes).** Classes will be held by Professor Carus-Wilson throughout the session for students taking B.A. Honours in History with the special subject The Economy of England in the Fifteenth Century.
344. **Florence during the Renaissance, 1464-1530 (Intercollegiate).** Classes will be held by Dr. Waley for students taking B.A. Honours in History with special subject of Florence during the Renaissance, 1464-1530.
345. **The Near Eastern Question, 1875-1881 (Intercollegiate Seminar).** A seminar will be held on Monday afternoons by

Professor Medlicott, starting in the Summer Term, for B.A. Honours students taking the special subject of the Near Eastern Question, 1875-1881.

**346. English and European History from 1500 to 1760 (Classes).**

Classes and tutorials will be held throughout the session by Mrs. Carter on the outlines of English and European History, for students taking History as a subsidiary subject to B.A. Honours in Geography.

*Note.*—Intercollegiate lecture courses covering the field of Mediæval European History from 400-1500 and Modern European History from 1500 to the present day are given at the Senate House on Monday mornings throughout the session.

*Reference should also be made to the following courses:—*

No. 262.—**Introduction to Modern English Economic History.**

No. 291.—**International History, 1500-1815.**

No. 292.—**Diplomatic Relations of the Great Powers, 1815-1914.**

No. 293.—**International History, 1914-1945.**

No. 562.—**Political Thought from Cicero to Machiavelli.**

No. 563.—**Political Thought from Hobbes to Burke.**

## INTERNATIONAL STUDIES

Many of the subjects in which instruction is given at the School are relevant to the student of international affairs, who will find amongst the courses of study listed under the heads, for example, of Anthropology Geography and Government several that will be of interest to him. There should, however, be singled out for special mention the courses of instruction listed under the heads of:

**International Economics:** Courses 102 to 121, pp. 321 to 325.

**International History:** Courses 289 to 315, pp. 357 to 364.

**International Law:** Courses 372 and 373, pp. 379 to 380 and, particularly,

**International Relations:** Courses 500 to 536, pp. 425 to 435.

LAW

## LAW

### Courses intended primarily for LL.B. Students

359. **Learning the Law.** Mr. Diamond. Five lectures in the first week of the Michaelmas Term.

For LL.B. Intermediate.

**Recommended reading.**—G. L. Williams, *Learning the Law*.

360. **English Constitutional Law.** Professor de Smith and Mr. Park. Forty lectures (day). Mr. Bentley and Mr. Thornberry. Twenty-five lectures of one-and-a-half hours (evening), Sessional.

For LL.B. Intermediate.

**Syllabus.**—The nature of constitutional law—sources and characteristics of English constitutional law—separation of powers—the supremacy of Parliament—constitutional conventions.

Parliament, its meeting, composition, functions, powers and procedure—control of national finance—parliamentary privilege.

The Executive—the monarchy—royal prerogative—the Privy Council—Cabinet government—the position of the Prime Minister—ministerial responsibility—the Crown and foreign relations.

The constitutional position of the Judiciary—administrative law in England—types of governmental powers—remedies against public authorities—the Crown in litigation—delegated legislation—the rule of law.

The citizen and the State—liberties of the subject—emergency powers—military and martial law.

The British Commonwealth—the main forms of constitutional development and structure within the Commonwealth—relations of Commonwealth countries with the Crown and the United Kingdom—allegiance and citizenship in the Commonwealth—the Judicial Committee of the Privy Council.

**Recommended reading.**—E. C. S. Wade and G. G. Phillips, *Constitutional Law* (6th edn.); or O. Hood Phillips, *Constitutional and Administrative Law* (3rd edn.); D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* (4th edn.); or O. Hood Phillips, *Leading Cases in Constitutional Law* (2nd edn.).

**FURTHER READING:** A. V. Dicey, *Introduction to the Study of the Law of the Constitution* (10th edn.); W. I. Jennings, *The Law and the Constitution* (5th edn.); A. Denning, *Freedom under the Law*; L. S. Amery, *Thoughts on the Constitution* (2nd edn.); G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; R. F. V. Heuston, *Essays in Constitutional Law*; H. Street, *Freedom, the Individual and the Law*.

**FOR REFERENCE:** W. R. Anson, *Law and Custom of the Constitution* (Vol. I, 5th edn.; Vol. II, 4th edn.); W. I. Jennings, *Cabinet Government* (3rd edn.); *Parliament* (2nd edn.); J. A. G. Griffith and H. Street, *Principles of Administrative Law* (3rd edn.); H. W. R. Wade, *Administrative Law*; W. I. Jennings, *Constitutional Laws of the Commonwealth* (Vol. 1, Chaps. 1–3); S. A. de Smith, *Judicial Review of Administrative Action*; S. A. de Smith, *The New Commonwealth and its Constitutions*, chap. 1; K. C. Wheare, *The Constitutional Structure of the Commonwealth*; J. D. B. Mitchell, *Constitutional Law*.

361. **English Legal System.** Professor Wheatcroft, Professor Milsom and Mr. Dworkin. Thirty-two lectures (day). Mr. Dworkin.

Twenty-five lectures of one-and-a-half hours (evening), Sessional.

For LL.B. Intermediate; Academic Postgraduate Diploma in Law.

**Syllabus.**—The major divisions of English Law. The origins of the Common Law. A general outline of the forms of action and their influence on the development of the Common Law with special reference to property, contract and tort; development of distinction between crime and tort. The incorporation of the law merchant. The development of the system of equity. The sources of English law. The development and present organisation of the civil and criminal courts; general nature of administrative law and tribunals. The organisation of the legal profession. Outlines of civil and criminal procedure and civil remedies.

**Recommended reading.**—R. M. Jackson, *The Machinery of Justice in England* (3rd edn.); O. Hood Phillips, *First Book of English Law* (4th edn.); G. L. Williams, *The Proof of Guilt* (3rd edn.).

### 362. Elements of the Law of Contract. Professor Wedderburn.

Forty lectures, Michaelmas and Lent Terms (day). Mr. Cornish and Mr. Zander. Twenty-five lectures of one-and-a-half hours (evening), Sessional.

For LL.B. Intermediate.

**Syllabus.**—

(1) Formation of a valid contract: intention to create legal relations, offer and acceptance, legal basis of standard contracts, consideration, capacity, form, non-disclosure, misrepresentation, mistake, duress, undue influence.

(2) Content: interpretation of express terms, doctrine of the implied term, judicial and legislative control of contracts, collateral contracts.

(3) Privity: rights, obligations, exemption clauses. (Note: assignment and agency are excluded.)

(4) Illegality and public policy.

(5) Performance: due performance, calling the contract off, varied performance, failure in performance—(a) frustration, (b) breach of contract.

(6) Remedies for breach of contract: repudiation, damages, specific performance, injunction. Limitation of action. (Note: quasi-contract is excluded.)

**Recommended reading.**—J. C. Smith and J. A. C. Thomas, *A Casebook on Contract*; G. H. Treitel, *The Law of Contract*; G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract*; R. Sutton and N. P. Shannon, *On Contracts* (Ed. K. W. Wedderburn).

**Further reading.**—P. S. Atiyah, *An Introduction to the Law of Contract*; W. R. Anson, *Principles of the English Law of Contract* (Ed. A. G. Guest); J. Chitty, *On Contracts* Vol. I (Ed. J. Morris); J. W. Salmond and J. Williams, *Principles of the Law of Contract*; P. S. Atiyah, *The Sale of Goods*; J. F. Wilson, *Principles of the Law of Contract*; F. Pollock, *Principles of Contract* (Ed. Winfield).

Students should always use the latest editions of the above books.

### 363. Criminal Law. Mr. Hall Williams and Mr. D. A. Thomas.

Forty-six lectures (day). Mr. Downey. Twenty-five lectures of one-and-a-half hours (evening), Sessional.

For LL.B. Part I.

**Syllabus.**—Definition and classification of crimes, and the general nature of criminal law. General principles of responsibility. Exemptions from responsibility and defences. Degrees of participation. Preliminary crimes.

**OFFENCES AGAINST THE PERSON.** Murder, manslaughter, infanticide, child destruction, suicide. Wounding and assaults.

**OFFENCES AGAINST PROPERTY.** Legal theories of ownership, possession and custody in relation to criminal law. Larceny, robbery, blackmail, false pretences, cheat, personation. Embezzlement, falsification of accounts, fraudulent conversion, obtaining credit by fraud. Receiving. Burglary, housebreaking and sacrilege. Arson and malicious damage. Forgery.

**OFFENCES OF A PUBLIC NATURE.** Perjury, bigamy, criminal libel, conspiracy and public mischief.

**Recommended reading.**—C. S. Kenny, *Outlines of Criminal Law* (Ed., J. W. C. Turner, omitting parts concerning Procedure and Evidence); R. Cross and P. A. Jones, *Introduction to Criminal Law* (omitting parts concerning Procedure and Evidence); J. W. C. Turner and A. Ll. Armitage, *Cases on Criminal Law*; R. Cross and P. A. Jones, *Cases on Criminal Law*; D. W. Elliott and J. C. Wood, *A Casebook on Criminal Law*.

For further reading:—W. O. Russell, *Crime* (Ed., J. W. C. Turner); G. L. Williams, *Criminal Law—The General Part*; D. R. S. Davies and others, *The Modern Approach to Criminal Law*; J. Ll. J. Edwards, *Mens Rea in Statutory Offences*; Report of the U.K. Royal Commission on Capital Punishment, 1949–53 (Cmd. 8932); J. F. Stephen, *A History of the Criminal Law of England*; P. J. Fitzgerald, *Criminal Law and Punishment*.

The following should be purchased by the student: The Larceny Act, 1916; The Homicide Act, 1957; Criminal Law Revision Committee *Second Report (Suicide)* 1960 (Cmnd. 1187); The Suicide Act 1961; *Third Report (Criminal Procedure and Insanity)* 1963 (Cmnd. 2149).

### 364. Sentencing and the Treatment of Offenders. Mr. Hall Williams. Five lectures, Lent Term.

Optional for LL.B. Parts I and II; B.A./B.Sc. (Sociology) Option A 9 and 10d (Second Year); B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Second Year); LL.M.; Academic Postgraduate Diploma in Law.

**Syllabus.**—The aims of punishment for crime. The sentencing process. A brief account of current trends in the treatment of offenders.

**Recommended reading.**—H. Mannheim, *Criminal Justice and Social Reconstruction*; Sir L. Page, *The Sentence of the Court*; P. J. Fitzgerald, *Criminal Law and Punishment*; H. L. A. Hart, *Punishment and the Elimination of Responsibility*; Report of the Interdepartmental Committee on the Business of the Criminal Courts (The Streatfeild Committee) February 1961, Cmnd. 1289; *The Treatment of Offenders in Britain*, U.K. Central Office of Information, February 1960, H.M.S.O.; Howard Jones, *Crime and the Penal System*; *The Sentence of the Court*, April, 1964, H.M.S.O.

### 365. Law of Tort. Mr. Dworkin and Mr. Evans. Fifty lectures, Sessional. (This course will be given in the day and in the evening in the session 1965–66.)

For LL.B. Part I.

**Syllabus.**—Nature of tort. General principles of liability. Negligence. Liability for dangerous chattels and premises. Causing death, trespass to the person, assault and battery, false imprisonment and intentional physical harm. Defamation, slander of title and malicious words. Trespass to land and recovery of possession. Nuisance, excluding injury to servitudes. Trespass to goods, detinue and conversion. The rule in *Rylands v. Fletcher*. Liability for animals. Liability under statutory powers and duties. Inducement of breach of contract, intimidation and conspiracy. General defences, including remoteness of damage. Vicarious responsibility. Effect of death. Remedies.

**Recommended reading.**—TEXT-BOOKS: Sir J. W. Salmond, *The Law of Torts* (13th edn.); H. Street, *The Law of Torts* (3rd edn.); P. H. Winfield, *Text-book on the Law of Tort* (7th edn.).

FURTHER READING: C. A. Wright, *Cases on the Law of Torts* (2nd edn.); J. F. Clerk and W. H. B. Lindsay, *The Law of Torts* (12th edn.); S. Chapman, *Statutes on the Law of Torts*.

**366. Law of Trusts.** Professor Wheatcroft and Mr. Evans. Forty lectures, Michaelmas and Lent Terms. (This course will be given in the day and in the evening in the session 1965-66).

For LL.B. Part I.

**Syllabus.**—The general nature of equitable principles and remedies. The doctrines of conversion and reconversion. Election, satisfaction, performance and ademption, equitable and legal assignments and priorities.

The general principles of the Law of Trusts, including implied, resulting and constructive trusts, and charitable trusts.

Powers and duties of trustees. The administration of a trust. Breach of trust and remedies therefor.

**Recommended reading.**—TEXT-BOOKS: G. W. Keeton, *An Introduction to Equity*; G. W. Keeton, *The Law of Trusts*; G. W. Keeton, *Cases on Equity and Trusts*.

FURTHER READING: R. E. Megarry and P. V. Baker, *Snell's Principles of Equity*; H. G. Hanbury, *Modern Equity*; H. G. Hanbury, *Essays in Equity*; W. Ashburner, *Principles of Equity*; F. W. Maitland, *Equity*; F. T. White and O. D. Tudor (Eds.), *Leading Cases in Equity* (2 Vols.); J. A. Nathan, *Equity through the Cases*; G. W. Keeton, *Social Change in the Law of Trusts*.

Students should consult the latest editions of these books.

**367. English Land Law.** Professor Milsom (day), Dr. Valentine (evening). Twenty-five lectures of one-and-a-half hours, Sessional.

For LL.B. Part I or Part II.

**Syllabus.**—The general principles of English Land Law under the system of unregistered and registered titles, comprising the following matters:—

The general nature and classification of estates and interests in land; the principles of the 1925 legislation.

Estate ownership in fee simple; estate ownership and powers of disposition under the Settled Land Act, 1925 and trusts for sale; the principal restrictions on the use and enjoyment of land, in outline only.

The term of years absolute: its nature, creation, assignment and determination; the principal statutory provisions concerning security of tenure, in outline only; covenants running with the land and the reversion.

Legal and equitable interests enforceable against the land; easements and *profits à prendre* and kindred interests; covenants running with the land at law and in equity; licences; the provisions of the Land Charges Act, 1925.

Equitable interests arising under settlements and trusts; life interests; entailed interests; equitable powers; interests in possession and expectancy; the present rules against remoteness. Concurrent interests in land.

Mortgages; nature and creation; the equity of redemption; priority of mortgages.

Registration of title; the nature and extent of interests capable of registration; overriding interests; minor interests; indefeasibility of title.

**Recommended reading.**—TEXT-BOOKS: G. C. Cheshire, *The Modern Law of Real Property* (8th edn.); R. E. Megarry, *A Manual of the Law of Real Property* (2nd edn.).

FURTHER READING: R. E. Megarry and H. W. R. Wade, *The Law of Real Property* (2nd edn.); H. J. Hood and H. W. Challis, *Property Acts* (8th edn.); G. H. Curtis and T. B. F. Ruoff, *Registered Conveyancing*.

**368. Jurisprudence and Legal Theory.** Mr. Tapper and Mr. Bentley. Fifty lectures (day), twenty-five lectures of one-and-a-half hours (evening), Sessional.

For LL.B. Part II.

**Syllabus.**—Theories of the nature and basis of law; the law of nature and natural rights; law and ethics; law and fact; sovereignty and the imperative theory; individual and social utilitarianism; legal positivism; analytical theory and the pure theory of law; the historical schools and customary law; sociological theories and theories of interests; economic interpretations and Marxist theory; legal realism, American and Scandinavian.

Critical study of the English rules of custom, precedent and the interpretation of statutes. The judicial process and the theory of precedent and of the *ratio decidendi*. Comparison of common law and civil law approaches. Codification and its effects. Analysis, evaluation and judicial treatment of the concepts of legal personality, rights and duties. The impact of legal theory upon the foregoing.

**Recommended reading.**—BASIC TEXT-BOOKS: D. Lloyd, *Introduction to Jurisprudence*; Sir C. K. Allen, *Law in the Making*.

MAIN SOURCES: St. Thomas Aquinas, *Summa Theologica*; T. Hobbes, *Leviathan*; J. Locke, *The Second Treatise on Civil Government*; J. J. Rousseau, *The Social Contract*; J. Bentham, *A fragment on Government and An introduction to the Principles of Morals and Legislation*; J. Austin, *The Province of Jurisprudence Determined*; J. C. Gray, *The Nature and Sources of the Law*; H. Kelsen, *General Theory of Law and State*; H. L. A. Hart, *The Concept of Law*; E. Ehrlich, *Fundamental Principles of the Sociology of Law*; V. I. Lenin, *The State and Revolution*; J. N. Frank, *Law and the Modern Mind*; K. Olivecrona, *Law as Fact*; W. N. Hohfeld, *Fundamental Legal Conceptions*; B. N. Cardozo, *The Nature of the Judicial Process*.

ANTHOLOGIES: J. Hall (Ed.), *Readings in Jurisprudence*; M. R. Cohen and F. S. Cohen (Eds.), *Readings in Jurisprudence and Legal Philosophy*.

COMMENTARIES: J. Stone, *The Province and Function of Law*; W. G. Friedmann, *Legal Theory* (4th edn.).

MISCELLANEOUS: Passerin D'Entrèves, *Natural Law*; H. Kelsen, *What is Justice?*; Lord Radcliffe, *The Law and its Compass*; R. Cross, *Precedent in English Law*; W. G. Friedmann, *Law and Social Change in Contemporary Britain* (2nd edn.).

**369. Principles of the Law of Evidence.** Mr. Tapper and Mr. Mr. D. A. Thomas. Fifty lectures (day). Mr. Downey and Mr. Thornberry. Twenty-five lectures (evening), Sessional.

For LL.B. Part I or Part II.

**Syllabus.**—Nature and classification of judicial evidence. Basic principles of evidence. Development of rules of evidence. Oral evidence—scope; oaths and their substitutes; examination in court and elsewhere. Real evidence—scope; inspection out of court. Other means of establishing facts.

Admissibility of evidence; its relation to relevance; relevant facts. Functions of judge and jury. Burden of proof—meaning and incidence; standards of proof. Presumptions—nature, classification and effect. Estoppel. Attendance of witnesses. Cogency. Corroboration. Competence and compellability.

Privilege. Character and convictions. Similar facts. Opinion. Hearsay and its exceptions. *Res gestæ*.

Documentary evidence—nature of public, judicial and private documents; proof of contents of public and judicial documents. Production and proof of private documents; primary and secondary evidence; extrinsic evidence; stamping.

**Recommended reading.**—TEXT-BOOKS: R. Cross, *Evidence* (2nd edn.); G. D. Nokes, *An Introduction to Evidence* (3rd edn.); E. Cockle, *Cases and Statutes on Evidence* (10th edn.).

FURTHER READING: J. Bentham, "The Rationale of Judicial Evidence" (*The works of Jeremy Bentham*, Ed. J. Bowring); Z. Cowen and P. B. Carter, *Essays on the Law of Evidence*; E. M. Morgan, *Some Problems of Proof under the Anglo-American System of Litigation*; J. F. Stephen, *A Digest of the Law of Evidence*; J. B. Thayer, *A Preliminary Treatise on Evidence at the Common Law*; J. H. Wigmore, *Science of Judicial Proof*; G. L. Williams, *The Proof of Guilt*.

FOR REFERENCE: J. F. Archbold, *Pleading Evidence and Practice in Criminal Cases*; S. L. Phipson, *The Law of Evidence*; J. P. Taylor, *A Treatise on the Law of Evidence*; J. H. Wigmore, *A Treatise on the Anglo-American System of Evidence*.



**370. English Administrative Law.** Professor Griffith, Mr. Bentley and Mr. D. A. Thomas. Twenty-five lectures of one-and-a-half hours, Sessional.

For LL.B. Part I or Part II; Diploma in Public Administration.

**Syllabus.**—The nature of administrative law.

The legislative, executive and judicial powers of the Administration. Bills and subordinate legislation. Judicial functions of Ministers and administrative tribunals.

The control of the powers of the Administration. The scope and nature of Parliamentary and judicial control. Public opinion. Consultation. Advisory Committees

The structure of the central government. The principles of Crown liability.

The structure and financing of local government. The liability of local authorities

The nature and constitution of public corporations. Relation to Ministers and to Parliament. Powers, duties, liabilities and privileges. Consumer bodies.

**Recommended reading.**—TEXT-BOOKS: J. A. G. Griffith and H. Street, *Principles of Administrative Law* (3rd edn. 1963); J. A. G. Griffith and H. Street, *A Casebook of Administrative Law* (1964); W. I. Jennings, *Principles of Local Government Law* (4th edn. 1960).

GENERAL READING: H. W. R. Wade, *Administrative Law*; W. A. Robson, *Justice and Administrative Law* (3rd edn. 1951); *Nationalized Industry and Public Ownership*; S. A. de Smith, *Judicial Review of Administrative Action*; C. T. Carr, *Concerning English Administrative Law*; D. C. M. Yardley, *A Source Book of English Administrative Law* (1963); J. F. Garner, *Administrative Law* (1963); G. L. Williams, *Crown Proceedings*; C. K. Allen, *Law and Orders* (2nd edn. 1956); W. O. Hart, *Introduction to the Law of Local Government and Administration* (7th edn. 1962); L. C. A. Cross, *Principles of Local Government Law* (2nd edn. 1962); G. F. M. Campion (Lord Campion) and others, *British Government since 1918*; *Parliament: A Survey* (especially Ch. II); H. S. Morrison, *Government and Parliament*; R. M. Jackson, *The Machinery of Local Government*; H. Street, *Government Liability*; I. Zamir, *The Declaratory Judgment*; J. D. B. Mitchell, *The Contracts of Public Authorities*; C. J. Hamson, *Executive Discretion and Judicial Control*; D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* (4th edn.).

GOVERNMENT PUBLICATIONS: *Report of the Committee on Ministers' Powers* (Cmd. 4060, 1931-1932); *Reports of Select Committee on Nationalised Industries*; *Reports of Select Committee on Statutory Instruments*; *Report of the Committee on Administrative Tribunals and Enquiries* (Cmd. 218, 1957).

PERIODICALS: That particularly concerned with administrative law is *Public Law*. Articles on the subject also appear in *The Modern Law Review*, *The Law Quarterly Review*, and *The Cambridge Law Journal*.

**371. History of English Law.** Professor Milsom. Twenty-five lectures, Sessional.

For LL.B. Part II.

**Syllabus.**—The principal sources of legal history and their significance (Glanvil, Bracton, Fortescue, Blackstone, records, year books, abridgements, reports). Legal institutions (communal, seignorial, mercantile and royal courts; courts of prerogative and equity). Factors in the development of English Law (legislation, precedent, the renaissance, the influence of great judges, e.g., Coke, Nottingham, Holt, Mansfield). Procedure (forms of action, modes of trial, history of the jury). Real property (feudalism, tenures, estates, seisin, uses, trusts, future interests, conveyances). Personal property (ownership, possession, bailment, sale). Contract (real, formal and consensual contracts, consideration). Tort (relation to crime, trespass, conversion, deceit, defamation). The general history of the principles of Equity.

**Recommended reading.**—T. F. T. Plucknett, *Concise History of the Common Law* (5th edn.); *Legislation of Edward I*; *Early English Legal Literature*; C. H. S. Fifoot, *History and Sources of the Common Law*. Students will be expected to refer on special points to F. Pollock and F. W. Maitland, *History of English Law before the Time of Edward I* (2nd edn.), and to W. S. Holdsworth, *History of English Law*, as well as to contemporary works, statutes and

decisions. As a guide to these sources they should use P. H. Winfield's *Chief Sources of English Legal History*. Other books on special points will be referred to during the lectures.

**372. Public International Law.** Dr. Valentine and Mr. Zander. Forty lectures (day). Mr. Thornberry. Twenty lectures of one-and-a-half hours (evening). Michaelmas and Lent Terms.

For LL.B. Part II; B.Sc. (Econ.) Part I—Alternative subject 15 *Elements of International Law*; B.Sc. (Econ.) Part II—*International Law*, I 3j; II 3g; XI 3b or 8b; XIII 3c (Third Year); Certificate in International Studies.

**Syllabus.**—Foundations of International Law:—Historical, Sociological and Ethical Background—Characteristics—Law-Creating Processes and Law-Determining Agencies—Fundamental Principles of International Law—Optional Principles and Standards—International Law and Municipal Law.

International Personality:—Subjects of International Law—Sovereignty and State Equality—Recognition—Representation—Continuity of International Persons.

State Jurisdiction:—Territorial Jurisdiction—Personal Jurisdiction—Other Bases of Jurisdiction—Limitations of State Jurisdiction.

Objects of International Law:—Territory—Land Frontiers—Maritime Frontiers—The High Seas—Airspace—Outer Space—Individuals—Business Enterprises—Ships—Aircraft.

International Transactions:—Treaties and other International Engagements. Responsibility for the Breach of International Obligations.

International Order and Organisation:—International Law and the Regulation of the Use of Force—The Pacific Settlement of International Disputes—The Legal Organisation of International Society.

**Recommended reading.**—TEXT-BOOKS: J. L. Brierly, *The Law of Nations* (6th edn.); G. Schwarzenberger, *A Manual of International Law* (4th edn.); J. G. Starke, *An Introduction to International Law* (5th edn.).

CASE-BOOK: L. C. Green, *International Law through the Cases* (2nd edn.).

FURTHER READING: L. F. L. Oppenheim, *International Law* (Vol. I, 8th edn., Vol. II, 7th edn., with special reference to Part I; Part II, Chap. I, sections 1 and 2, and Chap. II, and Part III, Chap. I, sections 2 and 3); G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals* (3rd edn.).

PERIODICALS: *American Journal of International Law*; *British Year Book of International Law*; *International and Comparative Law Quarterly*; *International Organization*; *Year Book of World Affairs*.

**373. Introduction to Sea and Air Law.** Professor Johnson. Ten lectures, Lent Term.

For LL.B. Final, Part II; B.Sc. (Econ.) Part II—*International Law*, I 3j; II 3g; XI 3b or 8b; XIII 3c (Third Year); graduate students.

**Syllabus.**—INTRODUCTION. History—Sources.

DELIMITATION OF THE RELEVANT AREAS. Internal Waters. Territorial sea. Contiguous zone. Bays. Harbour works and roadsteads. Islands and low-tide elevations. International straits. High seas. Continental shelf. Air space. Outer space.

BASIC PRINCIPLES. Freedom of the Seas. Freedoms of the Air. Exceptions.

LEGAL REGIME OF SHIPS AND AIRCRAFT. Nationality of ships. Flags of convenience. Warships and Government-owned ships on non-commercial service. Government-owned merchant ships. Privately-owned merchant ships. Nationality of aircraft. State aircraft. Civil aircraft. Pilotless aircraft. Space vehicles. Safety at sea and in the air. Collision, wreck and salvage.

SEA AND AIR LAW IN TIME OF WAR. Rules of naval warfare. Neutrality in naval warfare. The Hague Air Warfare Rules, 1923.

INTERNATIONAL MARITIME AND AVIATION ORGANISATIONS. The Inter-governmental Maritime Consultative Organisation. The International Civil Aviation Organisation. The International Air Transport Association.

UNITED KINGDOM LEGISLATION. With particular reference to Territorial Waters Jurisdiction Act, 1878. Maritime Conventions Act, 1911. Merchant Shipping Acts. Oil in Navigable Waters Acts. Civil Aviation Act, 1949. Air Corporations Act, 1949. Civil Aviation (Licensing) Act, 1960.

**Recommended reading.**—C. J. Colombos, *International Law of the Sea* (5th edn.); H. A. Smith, *The Law and Custom of the Sea* (3rd edn.); B. Cheng, *The Law of International Air Transport*; A. D. McNair, *The Law of the Air* (2nd edn.).

**Further reading.**—T. W. Fulton, *Sovereignty of the Sea*; M. S. McDougal and W. T. Burke, *The Public Order of the Oceans*; R. Temperley's *Merchant Shipping Acts* (5th edn.); W. R. Kennedy, *Civil Salvage* (4th edn.); R. G. Marsden, *Collisions at Sea* (11th edn.); C. N. Shawcross and K. M. Beaumont, *Air Law* (1951 edn. with current supplement).

PERIODICALS: *American Journal of International Law*; *British Year Book of International Law*; *International and Comparative Law Quarterly*; *The Journal of Air Law and Commerce*; *Year Book of World Affairs*.

**374. Conflict of Laws.** Dr. Mann and Mr. Zander. Thirty-five lectures (day). Mr. Lazar. Twenty-five lectures (evening), Sessional.

For LL.B. Part II.

**Syllabus.**—Part I: Fundamental conceptions. (1) The nature and theories of the conflict of laws. (2) Classification and *renvoi*. (3) Public policy. (4) Domicile and status of individuals. Part II: Choice of Law. (1) Husband and wife. Validity of marriage. Nullity. Divorce. Matrimonial jurisdiction of English courts. Recognition of foreign decrees. Mutual rights of husband and wife. (2) Parent and child. Legitimacy. Legitimation. Adoption. Guardianship. Lunacy. (3) Corporations. (4) Contracts. The proper law doctrine. Formal and essential validity, interpretation, effects and discharge of contracts. (5) Torts. (6) Property, movable and immovable, tangible and intangible. Particular assignments of property. Effect of marriage on property. (7) Succession. Validity and construction of wills. Distribution of estates on intestacy and under wills. Administration of deceaseds' estates. Exercise by will of powers of appointment. Part III: Choice of Jurisdiction. (1) Jurisdiction of English courts. (2) Recognition and enforcement of foreign judgments. Part IV: Procedure and Proof of Foreign Law.

**Recommended reading.**—G. C. Cheshire, *Private International Law* (6th edn.); R. H. Graveson, *Conflict of Laws* (4th edn.); J. H. C. Morris, *Cases on Private International Law* (3rd edn.).

FOR PRELIMINARY READING: J. A. C. Thomas, *Private International Law*.

FOR REFERENCE: Dicey, *Conflict of Laws* (7th edn.); J. D. Falconbridge, *Essays on the Conflict of Laws* (2nd edn.); C. M. Schmitthoff, *A Textbook of the English Conflict of Laws* (3rd edn.); M. Wolff, *Private International Law* (2nd edn.).

PERIODICALS: Articles on this subject appear in the *British Year Book of International Law*; *The Law Quarterly Review*; *The International and Comparative Law Quarterly*; and *The Modern Law Review*.

**375. Succession, Testate and Intestate.** Miss Stone. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

**Syllabus.**—Wills: Outline of the history of Wills and powers of testamentary disposition; nature of Wills and Codicils; capacity to make Wills; making and revocation of Wills; appointment of executors; probate (in outline only); construction of Wills.

Intestate Succession: Outline of the history of the rules of inheritance and succession on intestacy; modern rules of succession; rules as to grant of administration (in outline only).

Devolution of Property on Executors and Administrators: Powers of personal representatives. Administration of assets of solvent and insolvent estates.

[Note.—While candidates must show acquaintance with such practical matters as the making of Wills, the elements of probate practice and of the practice governing the grant of letters of administration, emphasis will be laid, in the examination, on the general principles of law governing the subject.]

**Recommended reading.**—TEXT-BOOKS: D. Hughes Parry, *The Law of Succession* (4th edn.); S. J. Bailey, *The Law of Wills* (5th edn.). FOR REFERENCE: T. Jarman, *A Treatise on Wills* (8th edn.); E. V. Williams, *A Treatise on the Law of Executors and Administrators* (14th edn.); H. S. Theobald, *The Law of Wills* (12th edn.).

**376. Mercantile Law—Agency and Sales and Other Dispositions of Goods.** Mr. Diamond. Twenty-five lectures, Sessional.

For LL.B. Part II. Other students will be admitted only by permission of the lecturer.

**Syllabus.**—(a) *Agency.* The nature and creation of the principal-agent relationship and the scope of the Agent's authority. The position of the Principal and Agent *vis-à-vis* third parties; passing of property by Agents and the Factors Act, 1889. Rights and duties of Principal and Agent *inter se*. Agent's lien. Agent's commission. Termination of Agency. The Agency of married women.

(b) *Sales and Other Dispositions of Goods.* Nature of goods, property possession and delivery. Special rules relating to the Sale of Goods under the Sale of Goods Act, 1893. C.I.F., F.O.B., and other special forms of international sales. Gifts *inter vivos* and *donationes mortis causa*. Bills of Sale. Bailments. Hire Purchase Agreements. Pledges. Effect of Bankruptcy and Liquidation. Doctrine of relation back and reputed ownership.

**Recommended reading.**—(a) Preliminary Reading: Chapters on Agency in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*. Main Text-books: R. Powell, *The Law of Agency*; G. H. L. Fridman, *Law of Agency*; S. J. Stoljar, *The Law of Agency*. For reference: W. Bowstead, *The Law of Agency*.

(b) Preliminary Reading: Chapters on Sale of Goods, Hire Purchase, Bailments and Bankruptcy in T. M. Stevens, *Elements of Mercantile Law*; and J. Charlesworth, *Principles of Mercantile Law*; G. Borrie and A. L. Diamond, *The Consumer, Society and the Law*. Main Text-books: C. M. Schmitthoff, *The Sale of Goods*; *Legal Aspects of Export Sales* (Institute of Export Publication); P. S. Atiyah, *The Sale of Goods*; J. C. Vaines, *Personal Property*. For reference: M. D. E. S. Chalmers, *Sale of Goods Act*; C. M. Schmitthoff, *The Export Trade*; G. W. Paton, *Bailment in the Common Law*. Students should pay particular attention to articles appearing in the legal periodicals especially *The Law Quarterly Review* and *The Modern Law Review*, and should take care to consult the latest edition of recommended text-books.

[Note.—Candidates will be supplied in the Examination Room with Queen's Printer copies of the Sale of Goods Act, 1893, the Factors Act, 1889, the Bills of Sale Acts, 1878 and 1882, and the Hire Purchase Acts, 1938, 1954 and 1964.]

**377. Industrial Law.** Mr. Grunfeld. Thirty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

**Syllabus.**—The scope and sources of Industrial Law (Labour Law). The contract of employment, its formation and its effect. Freedom of contract and its restrictions. Contractual obligations of employer and employee. Express and implied terms. The importance of custom. Enforcement of the contract. The Employers and Workmen Act, 1875. Termination of the contract. Covenants in restraint of trade. The meaning of the term "servant" at common law and of the term "workman" under statutes.

The master's responsibility for the safety of his servant. Negligence and breach of statutory duty.

Collective agreements and their legal framework. The Terms and Conditions of Employment Act, 1959.

Fair Wages Clauses.

Legislation providing for minimum remuneration and for holidays with pay.

Methods to secure the proper payment of wages.

Legislation referring to employment of children, young persons, and women. Hours of work.

Health, safety and welfare and other conditions of work in factories, shops, mines and transport. The central and local authorities responsible for enforcement. Methods of inspection.

Combined action by workmen and employers. Freedom to organise. The legal status of trade unions at common law and under statutes. The Trade Union Acts, 1871, 1876 and 1913. The relationship between a trade union and its members. The law governing the organisation and registration of trade unions and the administration of their funds, including the political fund. The doctrine of restraint of trade and its effect on trade union law.

The legal aspect of trade disputes. Freedom of strike and lock-out. Criminal conspiracy at common law and under the Conspiracy and Protection of Property Act, 1875. Criminal liability for acts done in the course of a trade dispute, with special reference to picketing. Civil liability for strikes and lock-outs, and for acts done in the course of a trade dispute. Civil conspiracy, inducing a breach of contract, and intimidation, at common law, and under the Trade Disputes Act, 1906.

Conciliation, arbitration and inquiry. The Conciliation Act, 1896, and the Industrial Courts Act, 1919. Voluntary and statutory machinery. Whitley Councils. The Industrial Court. The powers and functions of the Minister of Labour in relation to trade disputes.

The influence of the International Labour Office on the development of British Labour Law.

Comparison with certain aspects of Labour Law in the United States, in Australia and on the Continent of Europe.

History of Social Insurance Legislation in Britain. The break-up of the Poor Law. The Beveridge Report and its underlying "assumptions". Survey of legislation designed to secure "freedom from want": the National Insurance Acts, the National Insurance (Industrial Injuries) Acts, the Family Allowances Acts, the National Assistance Act. Supplementary legislation: the Disabled Persons (Employment) Acts, and the Employment and Training Act. The separation of the health services from the insurance scheme: the National Health Service Acts.

The Ministry of National Insurance. Benefits as of right and discretionary benefits. Classification of insured persons. Benefits under the National Insurance Acts, with special emphasis on unemployment benefit, its duration and conditions of qualification and disqualification. Industrial injury benefit, industrial disablement benefit and industrial death benefit. Industrial accidents and industrial diseases. "Alternative Remedies."

#### Enforcement of Claims.

**Recommended reading.**—See the bibliography of Course No. 385. Law students should particularly use the following works: W. Mansfield Cooper, *Outlines of Industrial Law*; F. Tillyard, *The Worker and the State*; F. R. Batt, *The Law of Master and Servant*; U.K. Ministry of Labour, 1961, *Industrial Relations Handbook*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; J. H. Munkman, *Employers' Liability at Common Law*; A. Redgrave, *Factories, Truck and Shop Acts*; N. Citrine, *Trade Union Law*; D. Lloyd, *Law Relating to Unincorporated Associations*; Lord Beveridge, *Social Insurance and Allied Services*; D. C. L. Potter and D. H. Stansfield, *National Insurance*; D. C. L. Potter and D. H. Stansfield, *The National Insurance (Industrial Injuries) Act, 1946*; H. Vester and H. A. Cartwright, *Industrial Injuries*, Vols. I and II; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain*; M. and D. J. Turner-Samuels, *Industrial Negotiation and Arbitration*; C. Grunfeld, *Trade Unions and the Individual in English Law* (Institute of Personnel Management); G. W. Guillebaud, *The Wages Councils System in Great Britain*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*.

Students should always use the latest editions of the above books.

### 378. Law of Domestic Relations. Miss Stone. Forty lectures, Sessional.

For LL.B. Part II.

**Syllabus.**—(a) MARRIAGE. Requirements of a valid marriage. Form of marriage (in outline only). Capacity and consent of parties and third persons; consanguinity and affinity. Grounds for nullity. The distinction between void and voidable marriages.

Grounds for divorce. Defences, including absolute and discretionary bars. Grounds for judicial separation; separation by agreement.

(b) THE EFFECT OF MARRIAGE ON PROPERTY RIGHTS. Common law, equity and statute. Title to property. The right to possession of the matrimonial home and its contents. Liability in contract and tort. The powers of the High Court in respect of alimony, maintenance, periodical payments and variation of settlements. Matrimonial proceedings in the magistrates' courts. Maintenance and consortium. Rights and liabilities of spouses in relation to third parties.

(c) PARENT AND CHILD. The relation of parent and child, including legitimacy, legitimation and adoption. Custody and Guardianship; the rights and obligations of parents at common law, in equity and by statute. Rights and obligations in respect of illegitimate children. The intervention of courts and of local authorities under the Children and Young Persons Acts and the Children Acts.

(Candidates will not be required to display any knowledge of the rules of conflict of laws of the details of court procedure.)

#### Recommended reading.—

The latest editions of all books should be used.

PRELIMINARY READING: F. Pollock and F. W. Maitland, *History of English Law before the time of Edward I*, Vol. II, Chaps. 6 and 7; A. V. Dicey, *Lectures on the relation between Law and Public Opinion in England during the Nineteenth Century*, Chap. 11; J. S. Mill, *The Subjection of Women*; *Report of the Royal Commission on Marriage and Divorce* (The Morton Commission), 1956, Cmd. 9678.

TEXT-BOOKS: P. M. Bromley, *Family Law* (2nd edn.); D. Tolstoy, *The Law and Practice of Divorce*; J. Jackson, *The Law Relating to the Formation and Annulment of Marriage*; either L. Rosen, *Matrimonial Offences with Particular Reference to the Magistrates' Courts* or L. M. Pugh, *Matrimonial Proceedings before Magistrates*; W. Clarke Hall and A. C. L. Morrison, *Law relating to Children and Young Persons* (6th edn.).

Students should also read articles in *The Modern Law Review* and *The Law Quarterly Review* on recent statutes and court decisions.

REFERENCE BOOKS: W. Rayden, *Practice and Law in the Divorce Division of the High Court of Justice and on Appeal therefrom*; J. Biggs, *The Concept of Matrimonial Cruelty*; *Report of the Committee on the Care of Children* (The Curtis Committee), Cmd. 6922.

### Courses intended primarily for B.Sc. (Econ.) Students

#### 379. English Legal Institutions. Mr. Diamond and Mr. Thornberry. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—Alternative subject 5, *English Legal Institutions*.

**Syllabus.**—The nature and origins of law. Historical outline of English Law and the development of Common Law and Equity, including mortgages, trusts and equitable remedies. Sources of law:—Case law and the theory of binding precedent; legislation and statutory interpretation; custom. The main classifications of English law, with particular reference to constitutional and administrative law, criminal law, contract and tort. The organisation of the courts, their jurisdiction and the types of cases with which they deal. Administrative Tribunals. Arbitration. The personnel of the law, including judges, magistrates, juries, barristers and solicitors. An outline of procedure and evidence. Legal aid and advice. Legal persons, natural and artificial. Codification. Law reform.

**Recommended reading.**—PRELIMINARY READING: G. L. Williams, *Learning the Law*; P. Archer, *The Queen's Courts*; W. M. Geldart, *Elements of English Law*.

TEXT-BOOKS: R. M. Jackson, *The Machinery of Justice in England*; O. Hood Phillips, *A First Book of English Law*; P. S. James, *An Introduction to English Law*.

FURTHER READING: R. Rubinstein, *John Citizen and the Law*; A. T. Denning, *Freedom under the Law*; *The Changing Law*; *The Road to Justice*; P. A. Devlin, *The Criminal Prosecution in England*; *Trial by Jury*; *Samples of Lawmaking*; G. L. Williams, *The Proof of Guilt*; F. T. Giles, *The Criminal Law*; *The Magistrates' Courts*; *Children and the Law*; R. E. Megarry, *Lawyer and Litigant in England*.

Students should consult the latest editions of these books.

**380. Elements of Commercial Law A—Contract.** Mr. Grunfeld.  
Fourteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, I 3i; II 3f; III 7, IV 6; *Labour, including Law of Labour and Social Insurance*, III 6a (Second Year).

**Syllabus.**—

(1) Formation of a valid contract: intention to create legal relations, offer and acceptance, legal basis of standard contracts, consideration, capacity, form, misrepresentation, mistake, duress, undue influence, illegality (restraint of trade).

(2) Content: implied term, control of exemption clauses.

(3) Privity: rights, obligations; assignment.

(4) Performance: due performance, calling off the contract, varied performance, failure in performance—(a) frustration, (b) breach of contract.

(5) Remedies for breach of contract: repudiation, damages, specific performance, injunction. Limitation of action.

**Recommended reading.**—Relevant chapters in J. Charlesworth, *The Principles of Mercantile Law*; or T. M. Stevens, *Elements of Mercantile Law*. For reference: J. C. Smith and J. A. C. Thomas, *A Casebook on Contract*; J. F. Wilson, *Principles of the Law of Contract*.

Students should always use the latest editions of the above books.

**381. Elements of Commercial Law B—Agency.** Mr. Diamond.  
Six lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, I 3i; II 3f; III 7; IV 6 (Second Year).

**Syllabus.**—The creation of the principal and agency relationship and the scope of the Agent's authority. The position of the Principal and the Agent *vis-a-vis* third parties in connection with Contracts and Torts. Passing of property by Agents and the Factors Act, 1889. Rights and duties of the Principal and Agent *inter se*. Agent's commission. Termination of Agency.

**Recommended reading.**—G. H. L. Fridman, *The Law of Agency*.

FOR REFERENCE: R. Powell, *The Law of Agency*; S. J. Stoljar, *The Law of Agency*. Students should consult the latest editions of these books.

**382. Elements of Commercial Law C—Partnership and Company.** Mr. Downey. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, I 3i; II 3f; III 7; IV 6 (Third Year).

**Syllabus.**—The nature and advantages of corporate personality and the distinction between companies incorporated under the Companies Act, and partnerships, and limited partnerships. The law as codified in the Partnership Act, 1890. Proceedings against partners and proof of partnership and separate debts in bankruptcy. Companies registered under the Companies Act, 1948. Formation and Flotation. *Ultra Vires*. Raising and Maintenance of Capital and Dividends. Agents and Organs of the Company and the rule in *Royal British Bank v. Turquand*. Shares and Debentures. Charges on the company's property. Publicity; annual returns, accounts, and audit. Meetings and Resolutions. The duties of directors and problems of enforcement. Protection of the minority and their remedies. Reconstructions, Amalgamations and Winding-up (in outline only).

[Note.—Candidates will be supplied in the Examination Room with copies of the Partnership Act, 1890 and the Companies Act, 1948.]

**Recommended reading.**—A. Underhill, *Principles of the Law of Partnership*; Sir F. Pollock, *A Digest of the Law of Partnership*; J. A. Hornby, *An Introduction to Company*

*Law*; L. C. B. Gower, *The Principles of Modern Company Law*; R. R. Pennington, *Partnership and Company Law*.

FOR REFERENCE: R. R. Pennington, *The Principles of Company Law*.

Students should consult the latest editions of these books.

**383. Elements of Commercial Law D—Sale of Goods.** Mr. Diamond. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, III 7; and optional for I 3i; II 3f (Third Year). (Students specialising in Economics, Analytical and Descriptive, or in Monetary Economics, should take *either* this course or No. 384.)

**Syllabus.**—The special rules relating to sales of goods under the Sale of Goods Act 1893. C.i.f., f.o.b. and other special forms of international sales. Financing of international sales by bankers' commercial credits.

Distinction between sales and hire purchases; the Hire Purchase Acts, 1938 and 1954. [Note.—Candidates will be supplied in the examination room with copies of the Sale of Goods Act, 1893.]

**Recommended reading.**—C. M. Schmitthoff, *The Sale of Goods; Legal Aspects of Export Sales* (Institute of Export publication); P. S. Atiyah, *The Sale of Goods*; G. J. Borrie, *Commercial Law*.

FOR REFERENCE: C. M. Schmitthoff, *The Export Trade*; Sir Mackenzie Chalmers, *Sale of Goods Act, 1893*.

Students should consult the latest editions of these books.

**384. Elements of Commercial Law E—Income Tax.** Mr. Lazar.  
Eight lectures, Summer Term (Second Year). Four lectures, Lent Term (Third Year).

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, IV 6; and optional for I 3i; II 3f. (Students specialising in Economics, Analytical and Descriptive, or in Monetary Economics should take *either* this course or No. 383).

**Syllabus.**—General outline of Income Tax, Surtax, and Profits Tax; the basis of taxation of individuals and of companies; the Five Schedules and their effect with particular reference to Cases I and II of Schedule D and Schedule E.

**Recommended reading.**—A. R. Prest, *Public Finance*; H. A. R. J. Wilson and K. S. Carmichael, *Income Tax Principles*, or C. N. Beattie, *The Elements of Income Tax*.

FOR REFERENCE: Spicer and Pegler, *Income Tax and Profits Tax*; G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax*; British Tax Encyclopedia; Butterworth's *Income Tax Handbook*.

Students should consult the latest editions of these books.

**385. Law of Labour and of Social Insurance.** Mr. Grunfeld.  
Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, III 6a (Third Year); Diploma in Personnel Management; optional for Diploma in Social Administration (Second Year).

**Syllabus.**—The significance of law in the shaping of labour relations.

The legal framework of labour relations, and the sources of mutual rights and obligation between employers and employees: the contract of employment, custom, the common law, statutes, and statutory instruments.

Collective bargaining and the law. Collective agreements, their legal effect and enforcement, with special reference to fair wages clauses and to the duty to observe recognised terms and conditions.

Statutory regulation of minimum remuneration and of holidays with pay, of wage payments and deductions, and of hours of work.

Protective legislation concerning health, safety, and welfare, employment of children, young persons, and women, and enforcement of this legislation.

Freedom to organise, and its protection. Legal status of trade unions. Relation between a union and its members. Union registration. Law governing trade union funds, including the political fund.

Trade disputes, strikes, lock-outs. Freedom to strike and to lock out and its limitations. Criminal and civil liabilities arising from labour stoppages and from acts done in their course.

Prevention of stoppages: conciliation, arbitration and inquiry. Powers and functions of the Ministry of Labour in relation to trade disputes.

History and survey of legislation designed to secure "freedom from want", with special reference to social insurance. The Ministry of National Insurance. Difference between benefits of right and discretionary benefits. Contributions and contribution conditions. Classification of insured persons. Unemployment, sickness, maternity, widow's benefits, retirement pension, death grant. Industrial injury, disablement, and death benefits, and their relation to the employer's liability for damages. The family concept in social security legislation. Enforcement of insurance claims. The residuary assistance service.

Comparative references to foreign legal systems will be included, wherever possible.

**Recommended reading.**—W. Mansfield Cooper, *Outlines of Industrial Law*; F. Tillyard, *The Worker and the State*; U.K. Ministry of Labour, *Industrial Relations Handbook* (1961); A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; F. R. Batt, *The Law of Master and Servant*; H. Samuels, *The Law of Trade Unions*; W. Milne-Bailey, *Trade Unions and the State*; W. Milne-Bailey (Ed.), *Trade Union Documents*; W. W. Mackenzie, Baron Amulree, *Industrial Arbitration in Great Britain*; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain*; M. and D. J. Turner-Samuels, *Industrial Negotiation and Arbitration*; J. Gazdar, *National Insurance*; H. Samuels and R. S. W. Pollard, *Industrial Injuries*; D. C. L. Potter and D. H. Stansfield, *National Insurance* (Introduction); D. C. L. Potter and D. H. Stansfield, *The National Insurance (Industrial Injuries) Act* (Introduction); W. A. Robson (Ed.), *Social Security* (3rd edn.); C. Grunfeld, "Trade Unions and the Individual", Institute of Personnel Management, *Industrial Relations Series*; L. W. Guillebaud, *The Wages Councils System in Great Britain*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*.

FOR REFERENCE: A. S. Diamond, *The Law of Master and Servant*; J. H. Munkman, *Employers' Liability at Common Law*; H. Samuels, *Factory Law*; J. L. Gayler, *Industrial Law*; H. Vester and A. H. Gardner, *Trade Union Law and Practice*; A. Redgrave, *Factories, Truck and Shop Acts*; H. L. Hutchins and A. Harrison, *A History of Factory Legislation*; T. K. Djang, *Factory Inspection in Great Britain*; W. A. Robson, "The Factories Act" (*Encyclopedia of the Laws of England*, 3rd edn.); S. and B. Webb, *History of Trade Unionism*; R. Y. Hedges and A. Winterbottom, *Legal History of Trade Unionism*; N. Citrine, *Trade Union Law* (2nd edn.); G. D. H. Cole, *An Introduction to Trade Unionism*; D. Lloyd, *The Law Relating to Unincorporated Associations*; F. Tillyard, *Unemployment Insurance in Great Britain, 1911-1948*; R. W. Harris, *National Health Insurance, 1911-1946*; Ministry of Labour and National Service Reports; *Annual Reports of the Chief Inspector of Factories*; Lord Beveridge, *Social Insurance and Allied Services*, Cmd. 6404; *Social Insurance*, Cmd. 6550-6551.

Students should always use the latest editions of the above works.

**386. Constitutional and Administrative Law.** Professor de Smith, Mr. Bentley and Mr. D. A. Thomas. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Constitutional and Administrative Law*, I 3h; II 3e; VII 3b (Second Year); and Academic Diploma in Public Administration.

**Syllabus.**—The nature of constitutional law. Sources and characteristics of British constitutional law. Parliamentary sovereignty. Constitutional conventions. The rule of law.

Parliament, its position, functions and powers. Parliamentary privilege and procedure. Control over national finance.

The monarchy. The royal prerogative. The Privy Council and the Cabinet. Ministerial responsibility. The civil service.

The constitutional position of the judges.

The nature of administrative law. The legislative, executive and judicial powers of the Administration. Delegated legislation. Administrative adjudication. Judicial and other controls over the powers of the Administration. The principles of Crown liability.

The structure and financing of local government. The liability of local authorities.

The nature and constitution of public corporations. Relations with Ministers and Parliament. Powers, duties, liabilities and privileges. Consumer bodies.

The liberties of the subject. Emergency powers. Military and martial law.

The Commonwealth. Status of colonies, protectorates, trust territories and independent members of the Commonwealth. Relations of Commonwealth countries with the Crown and the United Kingdom. Allegiance and citizenship in the Commonwealth. The Judicial Committee of the Privy Council.

**Recommended reading.**—TEXT-BOOKS: O. Hood Phillips, *Constitutional and Administrative Law*, or E. C. S. Wade and G. G. Phillips, *Constitutional Law*; J. A. G. Griffith and H. Street, *Principles of Administrative Law*; W. I. Jennings, *The Law and the Constitution*; W. I. Jennings, *Principles of Local Government Law*; D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* or O. Hood Phillips, *Leading Cases in Constitutional Law*.

FURTHER READING AND REFERENCE: A. V. Dicey, *Introduction to the Study of the Law of the Constitution*; W. I. Jennings, *Cabinet Government*; H. W. R. Wade, *Administrative Law*; J. F. Garner, *Administrative Law*; D. C. M. Yardley, *A Source Book of English Administrative Law*; W. I. Jennings, *Parliament*; W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. I (Chaps. 1-3); W. A. Robson, *Justice and Administrative Law*; S. A. de Smith, *Judicial Review of Administrative Action*; S. A. de Smith, *The New Commonwealth and its Constitutions*; C. K. Allen, *Law and Orders*; C. K. Allen, *Administrative Jurisdiction*; C. T. Carr, *Concerning English Administrative Law*; G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; G. L. Williams, *Crown Proceedings*; H. Street, *Governmental Liability*; W. O. Hart, *Introduction to the Law of Local Government and Administration*; C. A. Cross, *Principles of Local Government Law*; C. J. Hamson, *Executive Discretion and Judicial Control*; I. Zamir, *The Declaratory Judgment*; H. Street, *Freedom, the Individual and the Law*; J. D. B. Mitchell, *Constitutional Law*; Report of the Committee on Ministers' Powers (Cmd. 4060, 1932); Report of the Committee on Administrative Tribunals and Enquiries (Cmd. 218, 1957).

Students should consult the latest editions of these books.

PERIODICALS: Articles relevant to this subject appear regularly in *Public Law* and from time to time in *The Modern Law Review* and other legal periodicals.

**387. Soviet Law.** Dr. Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign or Commonwealth Country*, VII 8c (Third Year); also for graduate students of Law and others interested.

**Syllabus.**—Soviet interpretations of the Marxist doctrine of State and Law. Unity of the legal system and the position of Public International Law. Fundamental Notions of Civil Law. Family Law. Inheritance. Criminal Law. "Socialist" Legality. Organs of the Judiciary.

**Recommended reading.**—TEXT-BOOKS: V. Gsovski and K. Grzybovski, *Government, Law and Courts in the Soviet Union and Eastern Europe*, Parts II-V; J. N. Hazard, *Law and Social Change in the U.S.S.R.*; J. N. Hazard, *Settling Disputes in Soviet Society*; J. N. Hazard and I. Shapiro, *The Soviet Legal System*; I. Lapenna, *Conceptions Sovietiques de Droit International Publique*; *State and Law: Soviet and Yugoslav Theory*; P. S. Romashkin, *Fundamentals of Soviet Law*; Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1-3.

CASE BOOK: J. N. Hazard and M. L. Weisberg, *Cases and Readings on Soviet Law*. Students should consult the latest editions of these books. Further reading will be given at the beginning of the course.

388. **The Law of Banking.** Formal classes in this subject are no longer held, but students wishing to study it should consult Lord Chorley who will advise and assist them.

*Reference should also be made to the following course:*

No. 372.—Public International Law.

The following classes will be held for LL.B. and B.Sc. (Econ.) students of the School only:—

Subject	Degrees for which classes are intended
395. English Constitutional Law	LL.B. Intermediate
396. English Legal System	LL.B. Intermediate
397. Elements of the Law of Contract	LL.B. Intermediate
398. Criminal Law	LL.B. Part I
399. Law of Tort	LL.B. Part I
400. Law of Trusts	LL.B. Part I
401. Land Law	LL.B. Part I or II
402. Jurisprudence	LL.B. Part II
403. Law of Evidence	LL.B. Part I or II
404. English Administrative Law	LL.B. Part I or II
405. History of English Law	LL.B. Part II
406. Public International Law	LL.B. Part II and B.Sc. (Econ.) Part I and Part II
407. Conflict of Laws	LL.B. Part II
408. Succession	LL.B. Part II
409. Mercantile Law	LL.B. Part II
410. Industrial Law	LL.B. Part II
411. Law of Domestic Relations	LL.B. Part II
412. English Legal Institutions	B.Sc. (Econ.) Part I
413. Elements of Commercial Law	B.Sc. (Econ.) Part II
414. Law of Labour and of Social Insurance	B.Sc. (Econ.) Part II
415. Constitutional and Administrative Law	B.Sc. (Econ.) Part II

### SEMINARS FOR THE LL.M. DEGREE

- (a) These seminars are taken by members of the staff of the School. A number of them are run jointly with members of the staff of other colleges.

#### 420. Company Law. Professor Wedderburn.

**Syllabus.**—Meaning of Corporate Personality and distinction between incorporated and unincorporated associations.

The nature, types and functions of companies. Historical development of the modern business company. The consequences of incorporation and its practical advantages and disadvantages. The corporate entity principle and exceptions to it. The ultra vires doctrine and the concept of capital. The company's organs and agents and the liability of the company for their acts. Formation and flotation of companies.

The nature and classification of company securities. Shares and debentures. Publicity. Meetings and Resolutions. Powers of the general meeting. Minority Protection. The duties of directors and of the controlling majority and the enforcement of these duties. Reconstructions and Amalgamations. Liquidation (in outline only).

**Recommended Reading.**—J. A. Hornby, *An Introduction to Company Law*; L. C. B. Gower, *The Principles of Modern Company Law*; Report of the Company Law Committee (Jenkins Report) (Cmd. 1749).

For further reading and reference.—R. R. Formoy, *The Historical Foundations of Modern Company Law*; M. A. Weinberg, *Takeovers and Amalgamations*; C. A. Cooke, *Corporation Trust and Company*; R. R. Pennington, *The Principles of Company Law*; F. B. Palmer, *Company Law*; D. B. Buckley, *On the Companies Acts*; Earl of Halsbury, *Laws of England* (Simonds Ed.) Vol. 6; A. A. Berle and G. C. Means, *The Modern Corporation and Private Property*; Minutes of Evidence taken before the Company Law Committee (1961 H.M.S.O.) Vols. 1-20; Report of the Committee on Company Law Amendment (Cohen Report) (Cmd. 6659); H. A. J. Ford, *Unincorporated Non-Profit Associations*; K. W. Wedderburn, *Rule in Foss v. Harbottle and Shareholders' Rights* (1957) C.L.J. 194, and (1958), C.L.J. 93; L. Loss, *Protection of Investors* (1963) 80 S.A.L.J. 53 and 219; A. L. Diamond *Protection of Depositors Act 1963* (1963) 26 M.L.R. 680; H. A. J. Ford, *Unit Trusts* (1960) 23 M.L.R. 129; R. R. Pennington, *Genesis of the Floating Charge* (1960) 23 M.L.R. 630; R. Instone, *Archaeology of the Companies Acts* (1962) 25 M.L.R. 406; K. W. Wedderburn, *Oppression of Minority* (1958) C.L.J. 152 and (1959) C.L.J. 37; J. D. Campbell, *Contracts with Companies* (1959) 75 L.Q.R. 469 and (1960) 76 L.Q.R. 115; M. P. Furmston, *Who Can Plead Ultra Vires?* (1961) 24 M.L.R. 715; M. A. Pickering, *The Problem of the Preference Share* (1963) 26 M.L.R. 499.

Students should consult the latest editions of these books.

Note.—The subject demands some previous knowledge of English Law, especially Contract, Agency and Trusts.

Candidates will be supplied in the examination-room with Queen's Printer copies of the Companies Act, 1948.

#### 421. Constitutional Laws of the Commonwealth, I (Canada, Australia, and either India or Pakistan). Professor de Smith and Professor Gledhill (S.O.A.S.).

[Candidates who are taking this subject and proceeding by way of Examination with Dissertation shall not be permitted to take also Constitutional Laws of the Commonwealth II.]

**Syllabus.**—CANADA AND AUSTRALIA.—The development of responsible government in Canada and Australia (in outline). The growth of constitutional conventions. Restrictions upon competence at common law and the effect of the Statute of Westminster, 1931.

The present constitutional status of Canada and Australia as Members of the Commonwealth.

Problems of federalism illustrated by reference to Canada and Australia. Procedure for amending the constitution. The distribution of and the restrictions upon legislative

power. The second chamber and provisions for conflicts between the Houses. The structure of the executive. Constitutional position of the Queen, the Governor-General and the Lieutenant-Governor or Governor. The treaty-making power and the power to implement treaties. The judicial system and appeals to the Privy Council. Co-operation and financial relations between the federal and provincial or state governments.

Questions will not be set on the electoral system, parliamentary procedure and privilege, the party system, delegated legislation and administrative tribunals (except in so far as these raise questions of constitutionality), public corporations, the civil service, government liability, local government or the details of citizenship legislation.

Candidates should specify at the time of entry to the examination whether they are offering the *Constitutional Law of India or of Pakistan*.

INDIA.—The development (in outline) of the executive, legislative and judicial authorities in India since 1772; centralisation and decentralisation; relations between the United Kingdom Government, the Central Government, the Governments of the Provinces, and the Governments of Protected States. Communal problems. Problems of Federation with special reference to India.

The constitutional status of India as a Member of the Commonwealth.

The different types of States and territories in India. Distribution of Powers. Restrictions on legislative power. Fundamental Rights. Parliament. Provisions for conflict between the Houses of Parliament and the houses of bicameral State legislatures. The structure, powers and responsibility of the Executives. The constitutional positions and legislative powers of the President, the Governors, and Rajpramukhs. The judicial system; appeals, superintendence, and constitutional writs. Co-operation and financial relations between the Centre and the States. Emergency provisions. Provisions for amending the Constitution.

Questions will not be asked on the electoral system, parliamentary procedure and privilege, the party system, delegated legislation, and administrative tribunals (except in so far as these raise questions of constitutionality), public corporations, the civil service, government liability, local government or details of citizenship legislation.

PAKISTAN.—The development in outline of the executive, legislative and judicial authorities in India from 1772 to 1947 and in Pakistan from 1947; centralisation and decentralisation; relations between the United Kingdom Government, the Central Government, the Governments of the Provinces and the Protected States. Communal Problems. Federal Problems. Cabinet government and presidential government.

The status of Pakistan as a member of the Commonwealth.

Distribution of Powers. Principles of Law-Making and Policy. Islamic provisions and the Advisory Council. Other constitutional limitations on legislative and executive powers. The position and powers of the President, Provincial Governors and the Councils of Ministers. Emergency powers. The Central and Provincial Legislatures. Relations between the Centre and the Provinces. Jurisdiction and powers of the Supreme Court and High Courts.

Questions will not be set on the electoral system, parliamentary privilege and procedure, the party system, delegated legislation and administrative tribunals (except in so far as they raise questions of constitutionality) on public corporations, the civil service, government liability, local government and details of citizenship legislation.

**Recommended reading.**—GENERAL: K. C. Wheare, *Federal Government; The Constitutional Structure of the Commonwealth; Modern Constitutions*; W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. I (relevant portions); S. A. de Smith, *The Vocabulary of Commonwealth Relations*; G. Sawyer (Ed.), *Federalism*; W. S. Livingston, *Federalism and Constitutional Change* (relevant portions).

FOR REFERENCE: K. C. Wheare, *The Statute of Westminster and Dominion Status*; R. McG. Dawson, *The Development of Dominion Status, 1900-1936*; R. B. Stewart, *Treaty Relations of the British Commonwealth of Nations*; J. E. S. Fawcett, *The Inter Se Doctrine of Commonwealth Relations*; Halsbury, *Laws of England* (3rd edn.), Vol. 5, *Commonwealth and Dependencies*; A. B. Keith, *Responsible Government in the Dominions*.

CANADA: B. Laskin, *Canadian Constitutional Law*; R. McG. Dawson, *The Government of Canada*; W. P. M. Kennedy, *Essays in Constitutional Law*; F. R. Scott, *Civil Liberties and Canadian Federalism*.

FOR REFERENCE: W. P. M. Kennedy, *The Constitution of Canada*; P. Gerin-Lajoie, *Constitutional Amendment in Canada*.

**Australia:** W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia*; G. Sawyer, *Cases on the Constitution of the Commonwealth of Australia*; *Australian Government Today*; J. D. B. Miller, *Australian Government and Politics*; R. Else-Mitchell (Ed.), *Essays on the Australian Constitution*; G. Sawyer and others, *Federalism in Australia*.

Students will also need to refer to articles on Canadian and Australian constitutional law which have been published in legal periodicals, particularly in the *Canadian Bar Review* and the *Australian Law Journal*.

**India:** C. H. Alexandrowicz, *Constitutional Developments in India*; A. Gledhill, *The Republic of India, the Development of its Laws and Constitution*, chaps. 1-11; A. Gledhill, *Fundamental Rights in India*; W. I. Jennings, *Some Characteristics of the Indian Constitution*; D. D. Basu, *Commentary on the Constitution of India*; D. D. Basu, *Cases on the Constitution of India (1950-1951)*; D. D. Basu, *Cases on the Constitution of India (1952-1954)*; M. P. Jain, *Indian Constitutional Law*.

**Further reading.**—Halsbury, *Laws of England*, Vol. 5, paras. 1021-1026; W. I. Jennings, *The Commonwealth in Asia*; V. V. Chitaley and S. Appu Rao, *The Constitution of India*; A. S. Chaudhri, *Constitutional Rights and Limitations*.

Students should also refer to articles on Indian constitutional law in the *International and Comparative Law Quarterly*, the *Indian Law Review*, the *Indian Year Book of International Affairs*, and *All India Reporter*.

**Pakistan:** *The Montague-Chelmsford Report*; The Government of India Act, 1935, as amended up to date in its application to Pakistan; Cowell, *History and Constitution of the Courts and Legislative Authorities in India*; A. C. Banerjee, *Indian Constitutional Documents*, Vols. I-III; Indian Independence Act; G. B. Joshe, *The New Constitution of India*; K. Venkoba Rao, *The Indian Constitution*; C. M. Shafiq, *Pakistan Constitution*; L. C. Green, "The Status of Pakistan" (*Indian Law Review*, Vol. VI, p. 65); H. Feldman, *A Constitution for Pakistan*; W. I. Jennings, *Constitutional Problems in Pakistan*; A. Gledhill, *Pakistan: the Development of its Laws and Constitution*.

Students should consult the latest editions of these books.

#### 422. International Economic Law. Professor Schwarzenberger (U.C.) and Mr. Thornberry.

**Syllabus.**—I. PROVINCE, SOURCES, HISTORY.

##### 2. PRINCIPLES OF INTERNATIONAL ECONOMIC LAW:

Economic Sovereignty. The Co-existence of Sovereign Economies: Extraterritorial effects of Economic Legislation. Immunities from Economic Sovereignty. Economic and Fiscal Aspects of the Immunity of State Organs and State Property. Economic Aspects of "Territorial" Extraterritoriality. Exemptions from Territorial Jurisdiction: Free Zones and Free Ports. Economic Unions. Freedom of Commerce. Freedom of Communications. Freedom of Navigation. Freedom of the Seas and Claims to the Continental Shelf. The Problem of International Economic Public Policy. Reservations in favour of National Public Policy. The Principles of International Economic Law on the Level of International Institutions.

##### 3. STANDARDS OF INTERNATIONAL ECONOMIC LAW:

Functions. The Minimum Standard. The Standard of Reciprocity. The Most-Favoured-Nation Standard. The Standard of National Treatment. The Standard of Preferential Treatment. The Standard of Economic Goodneighbourliness. The Inter-play of Standards. The Circumvention of Standards. The Standards within the Framework of the United Nations. The Standards of International Economic Law on the Level of International Institutions.

##### 4. INTERNATIONAL ECONOMIC TRANSACTIONS:

General Principles. Economic Aspects of Territorial Transactions (with special reference to the Identity and Continuity of States). Unilateral Economic Acts. Treaties of Commerce. Agreements on Production, Conservation of Resources, Transport and Communications. Barter Agreements. Inter-State Loans. Monetary and Payments Agreements. Bilateral Agreements on Nuclear Energy. Foreign Aid Conventions. Mutual Defence Assistance Agreements. Double Taxation Conventions. State Bankruptcy. Final Guarantees. Techniques of International Financial Control. The International Economic Law of Tort (with

special reference to the Protection of Private Property Abroad). Responsibility for Public Contracts (with special reference to the Calvo Clause). International Economic Criminal Law.

5. THE LAW OF ECONOMIC WARFARE:

Economic Reprisals. Peacetime Economic "Warfare". The Law relating to Trading with the Enemy. The Law of Economic Warfare on Land and at Sea. The International Economic Law of Military Occupation (with special reference to the Treatment of Property and Public Finance). Economic War Crimes. Rights and Duties of Neutral Powers. The Protection of Neutral Property. War Claims. Restitution. Reparations.

6. THE LAW OF INTERNATIONAL INSTITUTIONS:

Representation of Economic Interests Abroad. International Adjudication of Economic Claims. Economic and Financial Unions (with special reference to Monetary Customs Unions, the Geneva Agreement of 1947 and the Havana Charter). The Economic and Social Council (with special reference to the Organisation of Technical Assistance, Administration and Machinery for the Application of International Economic Sanctions). Aid to Under-developed Countries within the Framework of the United Nations. The Bank of International Settlements. The International Bank for Reconstruction and Development, the International Development Association and the International Monetary Fund. International Co-operation in the Field of Nuclear Energy. Non-universal Economic Organisations (with special reference to the Organisation of American States, the Organisation for Economic Co-operation and Development, the Economic Commission for Europe, the European Communities and the European Free Trade Association. Assistance to Under-developed Countries outside the United Nations, International Economic Co-operation within the Soviet Orbit. GATT (General Agreement on Tariffs and Trade, 1947). The Organisation for Trade Co-operation. Declarations and Conventions on Economic "Human Rights".

**Recommended reading.**—TEXT-BOOKS: L. Oppenheim, *International Law* (Ed. H. Lauterpacht, 8th edn.) with special reference to Vol. I, paras. 578-581: *Commercial Treaties*; G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals* (with special reference to Part Three: *State Jurisdiction* and Part Four: *International Transactions*).

**Further reading.**—E. H. Feilchenfeld, *Public Debts and State Succession*; Foreign Office, *Handbook of Commercial Treaties*; International Labour Office, *Intergovernmental Commodity Control Agreements*; G. Schwarzenberger, *The Frontiers of International Law*, chaps. 5 and 9; H. A. Smith, *The Economic Use of International Rivers*; M. Katz and K. Brewster, *The Law of International Transactions and Relations*; R. Wilson, *United States and Commercial Treaties and International Law*.

Students should consult the latest editions of these books.

**423. Law of International Institutions.** Professor Johnson and Dr. Cheng (U.C.).

**Syllabus.**—(A) *General Aspects of International Law*: Definition; Development; Sources; Functions and Types of International Institutions; General Principles of International Institutional Law; Methods.

(B) *Non-Comprehensive International Institutions*:

(1) Judicial International Institutions, with special reference to Permanent Court of Arbitration and the International Court of Justice: Functions; Organisation; Jurisdiction; Procedure; Awards, Judgments, Advisory Opinions; Execution.

(2) Administrative International Institutions, with special reference to pre-1914 international unions and international river organisations: Functions; Membership; Organisation; Scope of Jurisdiction; Powers.

(3) Quasi-Legislative International Institutions, with special reference to Conferences and the relevant aspects of the International Labour Organisation: Functions; Membership; Organisation; Scope of Jurisdiction; Powers.

(C) *Comprehensive International Institutions*, with special reference to the League of Nations and United Nations: Functions; Membership; Organisation; Scope of Jurisdiction; Procedure; Powers.

(D) *Hybrid International Institutions*:

(1) *Universalist Single-Purpose Institutions*, with special reference to the Inter-governmental Organisations related to the United Nations.

(2) *Regional Institutions*. Multi-purpose Institutions, e.g. Organisation of American States; Council of Europe.—Single-purpose Institutions, e.g. the International Commission for the Northwest Atlantic Fisheries or the Commission for Technical Co-operation in Africa (South of the Sahara); Supra-national Institutions (the European Coal and Steel Community, the European Economic Community and Euratom).

(3) *Sectional International Institutions*, with special reference to the North Atlantic Treaty and Warsaw Treaty Organisations: Functions; Membership; Organisation; Scope of Jurisdiction; Powers.

(E) *Non-Governmental International Organisations*—Arrangements for Consultation with the United Nations under Article 71 of the Charter.

(F) *Legal Aspects of the Co-ordination of International Institutions*.

*Note.*—Candidates taking this subject will not be expected to have a detailed knowledge, of specialised agencies or other international institutions operating in the field of economics civil aviation or maritime matters.

(G) *Constitutional Conditions of World Order*.

**Recommended reading.**—TEXT-BOOKS: L. Oppenheim, *International Law*, Vol. I (with special reference to Part I, Chapter IV—The Legal Organisation of the International Community), and Vol. II (with special reference to Part I: Settlement of State Differences); G. Schwarzenberger, *International Law; International Law as Applied by International Courts and Tribunals*, Vol. I (with special reference to chaps. 23-30: Treaties and Unilateral Acts), and *Manual of International Law*, chaps. 9-12; D. W. Bowett, *The Law of International Institutions*.

**Further reading.**—M. M. Ball, *NATO and the European Union Movement*; C. Eagleton, *International Government*; L. M. Goodrich and E. Hambro, *The Charter of the United Nations*; S. S. Goodspeed, *The Nature and Functions of International Organisation*; C. W. Jenks, *The Proper Law of International Organisations*; H. Kelsen, *The Law of the United Nations*; A. H. Robertson, *European Institutions*; S. Rosenne, *The International Court of Justice*; G. Schwarzenberger, *Power Politics* (with special reference to chaps. 15 and 25-30); J. L. Simpson and H. Fox, *International Arbitration*; L. B. Sohn, *Cases on United Nations Law and Basic Documents of the United Nations*.

Students should consult the latest editions of these books.

PERIODICALS: American Journal of International Law; British Year Book of International Law; European Yearbook; International and Comparative Law Quarterly; International Organisation; Year Book of the International Court of Justice; Year Book of the United Nations; Year Book of World Affairs.

**424. Legal History.** Professor Milsom.

**Syllabus.**—English legal history generally (as in the LL.B. Examination) with special reference to its bearing upon the following topics in the prescribed period.

The period prescribed until further notice is 1216-1327.

The main movements of legal thought. Characteristics of mediæval law. Influence of civil, canon and mercantile law. Legislation. Case law, local customs. Principal sources of legal history (records, year books, treatises).

The courts of law (including parliament). Local courts. Justices of the peace. The judiciary and the legal profession.

The forms of action and the outline of procedure and pleading. Battle. Wager of law. The jury.

Real property. Common law estates. Conveyances and their effects. Feudalism. Seisin. Inheritance.

Personal property. Ownership and possession.

Contract at common law and in law merchant. Ecclesiastical competition.

Tort. Trespass. Defamation and its relation to ecclesiastical jurisdiction.

Criminal law (treason, felonies, misdemeanours). Appeals, indictments, pardons. Forfeiture and escheat.

Law merchant (its sources, nature and the institutions administering it).



**Recommended reading.**—T. F. T. Plucknett, *Concise History of the Common Law* is a general introduction, but it is not sufficiently detailed for the special period: F. Pollock and F. W. Maitland, *History of English Law* should be used as a text-book supplemented by W. S. Holdsworth, *History of English Law* where relevant.

Reference may also be made to the following works on special topics:—J. B. Ames, *Lectures on Legal History*; J. B. Thayer, *A Preliminary Treatise on Evidence at Common Law*; F. Pollock and R. S. Wright, *An Essay on Possession in the Common Law*; E. G. M. Fletcher, *The Carrier's Liability*; F. Jouon des Longrais, *La Conception Anglaise de la Saisine*; J. Lambert, *Les Year Books*; P. H. Winfield, *The Chief Sources of English Legal History*; H. U. Kantorowicz, *Bractonian Problems*; T. F. T. Plucknett, *Legislation of Edward I.*

Students should consult the latest editions of these books.

The publications of the Seldon Society and the Ames Foundation and the "Rolls Series" of year books frequently contain introductions of great value and those falling within the special period should be studied. Articles and reviews in the *Law Quarterly Review* and the *English Historical Review* should be consulted.

#### 425. Mercantile Law. Lord Chorley and Mr. Diamond.

**Syllabus.**—Introduction: Significance of sea transport in international trade. Importance of risk aspects and need for insurance. Position of Carriage by Sea and Marine Insurance in relation to Mercantile Law and Maritime Law generally.

(a) CARRIAGE BY SEA.—Historical Development of liability of carrier by sea. Commercial Practice. Voyage and Time Charter-Parties. Express and Implied Undertakings of the Parties. Representations, Conditions and Warranties. Frustration. Bills of lading and their function. Carriage of Goods by Sea Act, 1924. Usual clauses and implied undertakings in Bills of lading. Transfer of Rights and Liabilities under Bills of lading. Preliminary Voyage. Loading, Discharge and Delivery. Exclusion and limitation of a Shipowner's liability. The Master. General Average (including York-Antwerp Rules 1950). Demurrage. Freight. Liens. Construction of Charter-Parties and Bills of lading.

(b) MARINE INSURANCE.—General Principles and commercial practice, insurable interest. Insurable value. Disclosure and Representations. The policy. Double Insurance. Warranties. The Voyage. Assignment of the Policy. The Premium. Loss and Abandonment. Partial Losses (including Salvage and General Average and Particular Charges). Measure of Indemnity. Rights of Insurer on Payment. Return of Premium. Lloyd's Form of Policy. Institute Clauses (in outline only). Reinsurance.

**Recommended reading.**—CARRIAGE BY SEA: *Introductory*: W. Payne, *Carriage of Goods by Sea*; R. S. T. Chorley and O. C. Giles, *Shipping Law*, Part II; Stevens, *Shipping Practice*.

*Main Books*: T. G. Carver, *Carriage by Sea*; T. E. Scrutton, *Charter-parties and Bills of Lading*.

*For reference*: H. Tiberg, *The Law of Demurrage*; R. Lowndes and G. R. Rudolph, *General Average and the York-Antwerp Rules*.

INSURANCE: *Introductory*: R. S. T. Chorley and O. C. Giles, *Shipping Law*; Part III.

*Main Books*: M. D. E. S. Chalmers, *Marine Insurance Act, 1906*, J. Arnould, *Marine Insurance*.

*For reference*: C. Wright and C. E. Fayle, *History of Lloyds*; D. E. W. Gibb, *Lloyds of London*; V. Dover, *Handbook of Marine Insurance*; V. Dover, *Analysis of Marine Insurance Clauses*.

Students should consult the latest editions of these books.

Students are warned that the subject demands some previous knowledge of English Law in general and especially of the English Law of Contract.

Candidates will be supplied in the examination room with Queen's Printer copies of the Marine Insurance Act, 1906, the Carriage of Goods by Sea Act, 1924, and the Bills of Lading Act, 1855.

#### 426. Comparative Conflict of Laws. Professor Graveson (K.C.) and Mr. Lazar.

**Syllabus.**—The history of the Conflict of Laws: classification; renvoi; public policy and the limits of application of foreign law; domicile.

Corporations; trusts and settlements; succession to movable and immovable property both testate and intestate.

**Recommended reading.**—I. English Conflict of Laws. TEXT-BOOKS: G. C. Cheshire, *Private International Law*; M. Wolff, *Private International Law*; R. H. Graveson, *Conflict of Laws*; R. H. Graveson, *Cases on the Conflict of Laws*.

WORKS OF REFERENCE: A. V. Dicey, *Conflict of Laws*; C. M. Schmitthoff, *English Conflict of Laws*; J. D. Falconbridge, *Essays in the Conflict of Laws*.

II. Comparative Law. GENERAL: E. Rabel, *Conflict of Laws*; A. K. Kuhn, *Comparative Commentaries on the Conflict of Laws*; E. G. Lorenzen, *Selected Articles on the Conflict of Laws*.

CANADA: J. D. Falconbridge, *Essays in the Conflict of Laws*; W. S. Johnson, *The Conflict of Laws with special reference to the Law of the Province of Quebec*.

UNITED STATES: *Restatement of the Conflict of Laws* (American Law Institute); J. H. Beale, *Conflict of Laws*; H. F. Goodrich, *Conflict of Laws*; G. W. Stumberg, *Conflict of Laws*; E. E. Cheatham and others, *Cases and Materials on Conflict of Laws*; W. W. Cook, *The Logical and Legal Bases of the Conflict of Laws*.

CONTINENTAL COUNTRIES: J. P. Niboyet, *Traité de Droit International Privé Français*; H. Batiffol, *Traité Élémentaire de Droit International Privé*; P. Arminjon, *Précis de Droit International Privé*; P. Lerebours-Pigéonnière, *Précis de Droit International Privé*; A. F. Schnitzer, *Handbuch des Internationalen Privatrechts*; W. Niederer, *Einführung in die allgemeinen Lehren des Internationalen Privatrechts*; M. Wolff, *Das Internationale Privatrecht Deutschlands*; L. Raape, *Internationale Privatrecht*.

Students should consult the latest editions of these books.

*Note.*—Candidates are advised to read relevant articles in *The British Yearbook of International Law*, the *International and Comparative Law Quarterly*, the *Transactions of the Grotius Society*, and other leading English and American Law reviews, as well as in *Clunet's Journal de Droit International Privé* (published in French and English). For surveys of the leading Continental systems the *Recueil des Cours de l'Académie de Droit International à la Haye* should be consulted. Attention is further drawn to the Bilateral Studies in Private International Law (Oceana Publications, New York), and to the reports on the Hague Conferences on Private International Law.

#### 427. Criminology. Mr. Hall Williams and Dr. James (K.C.).

**Syllabus.**—I. *Introduction.* The legal and the criminological conception of crime. Relation between Criminology and Criminal Law. Adult Criminal Courts, Juvenile Courts, and some specific problems of Criminal Procedure.

II. *Criminology.* Methods of Study. Physical, psychological and sociological factors in criminal behaviour. Legal principles relating to insanity, mental deficiency and other forms of mental abnormality. Juvenile and female delinquency. Prostitution.

III. *Penology.* Philosophical, psychological and historical aspects of Punishment. The present penal system. Prison, Borstals. Institutions for young offenders. Probation. Problems of Prevention.

**Recommended reading.**—TEXT-BOOKS: H. Jones, *Crime and the Penal System*; E. H. Sutherland, *Principles of Criminology* (revised by D. R. Cressey); W. A. Elkin, *The English Penal System*.

**Further reading.**—L. W. Fox, *The English Prison and Borstal Systems*; M. Grünhut, *Penal Reform*; H. Mannheim, *Group Problems in Crime and Punishment*; *The Dilemma of Penal Reform*; *Criminal Justice and Social Reconstruction*; S. and E. T. Glueck, *Unravelling Juvenile Delinquency*; *Physique and Delinquency*; K. Friedlander, *Psychoanalytical Approach to Juvenile Delinquency*; J. Bowlby, *Maternal Care and Mental Health*; B. Wootton, *Social Science and Social Pathology*; *Crime and the Criminal Law*; A. K. Cohen, *Delinquent Boys—The Culture of the Gang*; A. K. Cohen and others (Eds.), *The Sutherland Papers*; R. A. Cloward and L. E. Ohlin, *Delinquency and Opportunity*; T. P. Morris, *The Criminal Area*; J. B. Mays, *Growing up in the City*; *Crime and Social Structure*; M. A. Elliott and F. E. Merrill, *Social Disorganisation*; S. Glueck, *The Problem of Delinquency*; G. Rose, *The Struggle for Penal Reform*; D. J. West, *The Persistent Offender*; T. E. James, *Child Law*; G. M. Sykes, *Society of Captives*; M. E. Wolfgang, L. Savitz, N. Johnston, *The Sociology of Crime and Delinquency*; *The Sociology of*

*Punishment and Correction*; G. Trasler, *The Explanation of Criminality*; M. S. Guttmacher and H. Weihofen, *Psychiatry and the Law*; The Cambridge Studies in Criminology; The Library of Criminology, Delinquency and Deviant Social Behaviour.

Students should consult the latest editions of these books.

The following official sources should be consulted:—

Annual Reports of the Prison Department and the Central Aftercare Association; Criminal Statistics (England and Wales) annually; Reports of the Home Office Children's Department (occasional). U.K. Home Office, *Prisons and Borstals*; *The Sentence of the Court*; Home Office Research Unit publications (occasional); Reports of the Home Office Advisory Council on the Treatment of Offenders (occasional); Reports of relevant Royal Commissions and Departmental Committees.

**428. International Law of the Sea.** Professor Johnson, Professor Schwarzenberger (U.C.) and Mr. Brown (U.C.).

**Syllabus.**—I. *Introduction.* History; Sources.

II. *Delimitation of the Relevant Areas.* Internal Waters; The Territorial Sea and the Contiguous Zone; Bays; Harbour works and roadsteads; Islands and low-tide elevations; International Straits and Waterways; The High Seas and the Sea-Bed; The Continental Shelf.

III. *The Principle of the Freedom of the Seas.* Ordinary and Extraordinary Rights of Jurisdiction in Time of Peace, with special reference to Piracy and the Slave Trade; Coercive Measures Short of War; Limitations and Exceptions.

IV. *Users of the High Seas and the Sea-Bed.* Navigation; Fisheries; Exploitation of other Natural Resources; Scientific Research and Experiments; Disposal of radioactive waste; Naval Exercises; Pipe Lines; Cables; Mechanical Installations; Other Users.

V. *Jurisdiction over Maritime Areas adjacent to the Coast.* The Régime of Ports and Internal Waters; The Régime of the Territorial Sea and the Contiguous Zone; The Régime of the Continental Shelf; The Right of Hot Pursuit; Ships in Distress.

VI. *Access to the Sea for States without a Sea Coast.* Transit between the Sea and a State without a Sea Coast; Use of Ports and the Territorial Sea of Neighbouring States; Right to Sail Ships on the High Seas.

VII. *The Legal Régime of the Ship.* Nationality of Ships; Flags of Convenience; Warships and other Government-owned Ships on Non-Commercial Service; Government-owned Merchant Ships; Privately-owned Merchant Ships; Collision, Wreck and Salvage; Stateless Ships; Pirate Ships.

VIII. *The Legal Régime of Crew, Passengers and Cargo.* Jurisdiction; The Master; Master and Crew; Conditions of Labour; Consular Jurisdiction over Seamen Abroad; Functional Protection of Seamen.

IX. *Rules for Securing Safety at Sea.* Rules for the Prevention of Collisions at Sea; Assistance at Sea; Load Line Conventions; Pollution.

X. *Maritime Law in Time of War.* Prize Law and Prize Courts; Rules of Maritime Warfare; The Law of Maritime Neutrality.

XI. *International Maritime Institutions.* Types; Functions; Organisation; Jurisdiction.

**Recommended reading.**—TEXT-BOOKS: C. J. Colombos, *International Law of the Sea*; G. Gidel, *Le Droit International Publique de la Mer*; G. Schwarzenberger, *The Fundamental Principles of International Law*, Chapter VIII. *Recueil*, Hague Academy, Vol. 87; H. A. Smith, *The Law and Custom of the Sea*.

**Further reading.**—E. Brüel, *International Straits*; Lord Chorley and O. C. Giles, *Shipping Law*, Part I; C. J. Colombos, *The Law of Prize*; R. C. FitzGerald, *Admiralty and Prize Jurisdiction in the British Commonwealth of Nations* (60 *Juridical Review*, 1948); G. Fitzmaurice, *The Law and Procedure of the International Court of Justice, 1951-54: Substantive Law I: Maritime Law* (31 *B.Y.L.I.* 1954); T. W. Fulton, *The Sovereignty of the Sea*; L. C. Green, *The Geneva Conference and the Freedom of the Seas* (12 *Current Legal Problems*, 1959); Harvard Law School, *Research in International Law: Piracy* (26 *A.J.I.L.* 1932—Special Supplement); *The Law of Territorial Waters* (23 *A.J.I.L.* 1929—Special Supplement); International Law Commission, *Relevant Summary Records, Documents and Yearbooks*; D. H. N. Johnson, *The Geneva Conference on the Law of the Sea* (13 *The Year Book of World Affairs*, 1959); W. R. Kennedy,

*The Law of Civil Salvage*; B. MacChesney, *Recent Developments in the International Law of the Sea*; M. S. McDougal and W. T. Burke, *The Public Order of the Oceans*; R. G. Marsden, *Collisions at Sea*; M. W. Mouton, *The Continental Shelf. Recueil*, Hague Academy, Vol. 85 (1954); Report on the First United Nations Conference on the Law of the Sea (Cmnd. 584); Temperley's *Merchant Shipping Acts*.

Students should consult the latest editions of these books.

**429. Constitutional Laws of the Commonwealth, II** (other than Canada, Australia, India and Pakistan). Professor de Smith and Miss Stone.

**Syllabus.**—Special attention will be paid to the constitutions of countries which have become independent or internally self-governing since the end of 1956.

Candidates will not be required to display knowledge of constitutional changes that have occurred within the six months preceding the date of the examination.

I. STATUS AND POWERS:

(a) Dependent territories: Acquisition and classification of dependent territories in the Commonwealth. The United Kingdom Parliament and dependent territories. Constituent powers vested in the Crown; status and powers of Governors; the constitutional competence of colonial legislatures; the attainment of internal self-government.

(b) Full members of the Commonwealth: Acquisition and relinquishment of full membership; legislative autonomy of full members; the Crown and full members; status of Governors-General; conventions and usages relating to consultation and co-operation within the Commonwealth; surviving legal links.

II. COMPARATIVE CONSTITUTIONAL STRUCTURE OF INDIVIDUAL COUNTRIES:

Federal and unitary constitutions. Distribution of powers and relations between the centre and the units in federations. Devolution within unitary systems. Diarchy.

The executive branch of government. Adaptations of the Westminster model of responsible Cabinet government. Presidential regimes.

The legislatures. Representation of minority groups. Role of second chambers. Status of the Opposition. Procedure for constitutional amendment.

Safeguards against the abuse of majority power: constitutional guarantees and prohibitions.

Bills of rights. Special institutional safeguards against unfair discrimination.

Protection of the independence of the judiciary, the public service and the police. Safeguards for the electoral system, the process of prosecution and the auditing of public accounts. The place of traditional elements in modern constitutions.

The courts and judicial review of the constitutionality of legislation.

**Recommended reading.**—S. A. de Smith, *The New Commonwealth and its Constitutions*; K. C. Wheare, *Constitutional Structure of the Commonwealth*; K. C. Wheare, *Federal Government*; D. V. Cowen, *The Foundations of Freedom*.

**Further reading.**—J. D. B. Miller, *The Commonwealth in the World*; P. C. Gordon Walker, *The Commonwealth*; S. A. de Smith, *The Vocabulary of Commonwealth Relations*; G. Marshall, *Parliamentary Sovereignty and the Commonwealth*; J. E. S. Fawcett, *The British Commonwealth in International Law*; M. Wight, *British Colonial Constitutions, 1947*, Introduction; K. Roberts-Wray in *Changing Law in Developing Countries* (Ed. J. N. D. Anderson); W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. 1, chaps. 1-3; W. I. Jennings, *The Approach to Self-Government*; H. V. Wiseman, *The Cabinet in the Commonwealth*; F. G. Carnell in U. K. Hicks and others, *Federalism and Economic Growth in Underdeveloped Countries*; F. Bennion, *Constitutional Law of Ghana*; O. I. Odumosu, *The Nigerian Constitution*.

Students should consult the latest editions of these books.

Reference should also be made to the appropriate volumes in the series *The British Commonwealth: the Development of its Laws and Constitutions* (General Ed. G. W. Keeton) and to articles appearing in *Public Law*, *Current Legal Problems*, *The International and Comparative Law Quarterly*, *Political Studies* and the *Journal of Commonwealth Political Studies*.

Students must also be conversant with the essential provisions of the main constitutional instruments. Many of them are to be found in the annual volume of Statutory Instruments, but an increasing number must now be sought wholly or partly in locally enacted constitutional legislation.

**430. Illegality and Restitution.** Mr. Diamond, Mr. Goff and Mr. Cornish.

**Syllabus.**—Illegality in the Law of Contracts. Meaning of illegality in this context; types of illegal contracts; effect of illegality on contractual obligations.

Restitution (or Quasi-Contracts). Principles and rules governing the rights of persons to restitution of benefits unjustly retained.

**Recommended reading.**—G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*; F. Pollock, *Principles of Contract*; S. Williston, *A Treatise on the Law of Contract*, Vols. V and VI; R. M. Jackson, *History of Quasi-Contract*; P. H. Winfield, *Province of the Law of Tort*; P. H. Winfield, *Law of Quasi-Contracts*; P. H. Winfield, *Select Legal Essays*; American Restatement of the Law, Volumes on Contract and Restitution; R. L. A. Goff and G. H. Jones, *Restitution* (1965).

Students should consult the latest editions of these books.

Other books and articles will be recommended in the seminar.

**431. Comparative Criminal Law and Procedure.** Mr. Hall Williams, Mr. D. A. Thomas and Mr. Davies (K.C.).

**Syllabus.**—*General Principles:* A consideration of the main principles of English Criminal Law in comparison with those of the following Penal Codes: The Canadian Code of 1954; The Indian Penal Code of 1860; The Codes of Nigeria, Nyasaland, Uganda; The Danish Criminal Code of 1930; together with the English Draft Criminal Code of 1879 and the American Law Institute's Draft Model Penal Code.

*Selected Aspects:* A comparative examination of such selected aspects of English Criminal Law and Procedure as may be prescribed from time to time.

PRESCRIBED ASPECTS, Sessions 1964-65 and 1965-66: (1) *Specific Crimes:* Larceny and kindred offences; offences against the Administration of Justice. (2) *Procedure:* Pre-trial enquiry and publicity; the organisation of criminal courts; criminal appeals.

**Recommended reading.**—On the General Principles (prescribed for Session 1964-65); J. F. Archbold, *Pleading, Evidence and Practice in Criminal Cases*; J. V. W. Barry and G. W. Paton, *An Introduction to the Criminal Law in Australia*; J. Hall, *General Principles of Criminal Law*; A. J. Harro, *Cases and Materials on Criminal Law and Procedure*; J. Michael and H. Wechsler, *Criminal Law and its Administration*; R. Rattanlal and D. K. Thakore, *The Law of Crime*; J. W. Cecil Turner (Ed.), *Russell on Crime*, 2 vols.; G. L. Williams, *Criminal Law—The General Part*; B. Wootton, *Social Science and Social Pathology*; J. F. Stephen, *A History of the Criminal Law of England* (3 vols.) 1883.

Students should consult the latest editions of these books.

Reference should also be made to: The American Law Institute's *Draft Model Penal Code*; *The Canadian Code of 1954*; *The Penal Codes of Nigeria, Nyasaland and Uganda*; *The Danish Criminal Code*, English edition; *The Indian Penal Code*, 1860 and the *Code of Criminal Procedure* 1898.

On the Specific Crimes and on Procedure, see University Regulations for books prescribed for the Session 1964-65.

**432. Law of Taxation with special reference to the Taxation of Income.** Professor Wheatcroft and Mr. Lazar.

**Syllabus.**—The general principles, the method of collection and relative importance of all types of national and local taxation now in force in the United Kingdom (in outline only). The interpretation of taxing statutes and the extent to which they affect property and persons abroad. The rules affecting residence and domicile of individuals and corporations for tax purposes. The principles of double taxation relief.

The ascertainment of all types of income and profits for the purposes of income tax, surtax and profits tax, the rules for computation of income, profits and losses, and the deductions and allowances authorised to be set against income. The implications of income tax on awards of damages or compensation. The ascertainment of the tax payable by an individual including the exemptions, reliefs and allowances to which an individual may be entitled, the taxation of trustees, settlors and beneficiaries in relation to trusts or estates, the taxation of companies by way of income tax, profits tax and surtax directions and the legislation relating to Overseas Trade Corporations, "Bond-washing", "Stock-stripping", "Dividend-stripping" and transactions in securities.

The general implications of the income taxes in relation to business problems.

**Recommended reading.**—GENERAL: Reports of the Royal Commission on the Taxation of Profits and Income (Cmd. 8761, 9105 and 9474); latest available annual reports of the Commissioners of Inland Revenue and Commissioners of Customs and Excise; A. R. Prest, *Public Finance*; C. N. Beattie, *The Elements of Income Tax and Profits Tax*; "United Kingdom" volume in *World Tax Series*; current articles in *British Tax Review*.

MAIN TEXT-BOOKS: G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* (also published as Vol. I of the *British Tax Encyclopaedia*).

FOR REFERENCE: *British Tax Encyclopaedia*, Vols. 2-5; Butterworth's *Income Tax Handbook*; Simon's *Income Tax*; H.M.S.O. *Income Tax and Profits Tax Statutes*.

Students should consult the latest editions of these books.

**433. Law of Estate Planning.** Professor Wheatcroft, Professor Crane (K.C.) and Mr. Dworkin.

**Syllabus.**—The problems of the distribution and disposition of property belonging to or under the control of an individual for the benefit of his dependants or other desired beneficiaries comprising:—

The purposes of estate planning including provision for dependants and other beneficiaries through the distribution of income and capital, the incidence of taxation, and the importance of choice of method.

The legal methods available for the distribution and disposition of property including (i) settlements made *inter vivos* or by will and interests commonly employed therein including annuities, life interests, entailed interests, protective and discretionary trusts of income or capital; trusts for the accumulation of income; powers of appointment; conditions precedent and subsequent; future interests generally; the power of the courts to vary settlements and trusts (in outline only), (ii) deeds of covenant, (iii) policies of insurance, (iv) gifts, (v) family or controlled companies. The statutory requirements concerning provisions for dependants on death.

The law of taxation affecting the various dispositions above referred to including: the income tax and surtax provisions relating to settlements and controlled companies, the taxation of capital on death by estate duty (including the exceptions and exemptions from duty, the methods of valuation; deductions for liabilities, rules for aggregation and rates of duty), and the taxation of transactions which attract *ad valorem* stamp duty.

N.B.—Candidates will not be required to answer questions on charitable trusts or dispositions, or on the revenue law relating thereto.

**Recommended reading.**—G. S. A. Wheatcroft, *The Taxation of Gifts and Settlements*; C. N. Beattie, *The Elements of Estate Duty*; either T. Key and H. W. Elphinstone, *Precedents in Conveyancing*, relevant preliminary notes and precedents; or F. Prideaux, *Precedents in Conveyancing*, relevant preliminary notes and precedents; R. E. Megarry and H. W. R. Wade, *The Law of Real Property*, relevant portions; or A. Gibson, *Conveyancing*, relevant portions.

FURTHER READING AND REFERENCE: D. C. Potter and H. H. Monroe, *Tax Planning and Precedents*; *Encyclopaedia of Forms and Precedents*, relevant preliminary notes and precedents; C. N. Beattie, *The Elements of Income Tax*; J. G. Monroe, *Stamp Duties*; B. Pinson, *Revenue Law*; G. S. A. Wheatcroft, *British Tax Encyclopaedia*, Vol. I (loose leaf or as a bound volume); G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax*.

Students should consult the latest editions of these books.

The attention of students is drawn to the importance of articles, etc., appearing in periodical literature, especially the *British Tax Review* and *The Conveyancer*.

**434. Law of European Institutions.** Prof. Schwarzenberger (U.C.) and Dr. Valentine.

**Syllabus.**—The history of the movement towards the European communities; political and economic forces; the Zollverein; coal and steel monopolies; the European Defence Community; the European Political Community (all in outline only).

The European Communities: (i) Constitutional Structure: structure and functioning of: the Court of Justice; the European Parliament; the Councils of Ministers; the High Authority; the Consultative Committee; the Commissions; the European Investment Bank; the Social Fund; the Arbitration Committee.

(ii) Implementation of the Treaties: the creation of a common market; commercial and monetary policies; abolition of internal tariffs and quotas; the common external tariff; monopolies and restrictive trade practices; pricing and subsidy schemes; transport and labour policies. The relationship between community law and municipal law; incorporation; harmonisation of legislation.

The Council of Europe: structure and functioning of: the Committee of Ministers; the Consultative Assembly; the Joint Committee. Conventions adopted, with special reference to the European Convention on Human Rights; the Commission and Court of Human Rights; scope and interpretation of the Convention.

Comparison with other European Economic Organisations: (i) European Free Trade Association; Council of Association; arbitration procedures; aims and achievements.

(ii) Comecon: the Council; the Assembly; the Executive Committee; the Secretariat; aims and achievements.

**Recommended reading.**—E. B. Haas, *The Unity of Europe*; R. Mayne, *The Community of Europe*; A. H. Robertson, *The Council of Europe* (2nd edn.); A. H. Robertson, *European Institutions*.

**FURTHER READING:** G. Bebr, *Judicial Control of the European Communities*; J. S. Deniau, *The Common Market*; I. Frank, *The European Common Market*; F. Honig and others, *Cartel Law of the European Economic Community*; G. W. Keeton and G. Schwarzenberger (Eds.), *English Law and the Common Market*; R. Pinto, *Les Organisations Européennes*; R. Pryce, *Political Future of the European Communities*; A. H. Robertson, *The Law of International Institutions in Europe*; Stein and Nicholson (Eds.), *American Enterprise in the European Common Market*; D. G. Valentine, *The Court of Justice of the European Communities* (3 Vols.).

Reference should also be made to: *The Year Book of the European Convention on Human Rights*; *Common Market Law Reports*; *International Law Reports*; *Journal of Common Market Studies*; *Common Market Law Review*; F. L. Peyor, "Forms of Economic Co-operation in the European Communist Block" (*Soviet Studies*, Oct. 1959); Institute of Advanced Legal Studies, *Index to Foreign Legal Periodicals*; articles in B.Y.I.L. and I.C.L.Q.

English translations of the three European Community Treaties, the Rules of Procedure of the Communities' Court, E.E.C. Regulations, the E.F.T.A. Treaty and the European Convention on Human Rights are obtainable from Her Majesty's Stationery Office.

**435. Monopoly, Competition and the Law.** Professor Yamey and Mrs. Korah (U.C.).

**Syllabus.**—The failure of the common law courts to control monopolies and restrictive trade practices in the nineteenth and twentieth centuries. The decline of competition and development of trade associations since 1914. The nature of combinations in restraint of trade. Government proposals for dealing with monopolies and restrictive practices. The constitution and functions of the Monopolies and Restrictive Trade Practices Commission: its reconstitution in 1956; its Reports and the Government's response to them.

An analysis of the Restrictive Trade Practices Act, 1956, in the light of the decided cases. Registration: its enforcement and avoidance. Agreements deemed contrary to the public interest and the consequences of such a finding. The nature of the Restrictive Practices Court. Analysis of its decisions. Assessment of the basic policy of delegating the prohibition of undesirable cartels to the judiciary. Resale price maintenance. Single-firm monopolies. Assessment of current policy relating to single-firm monopolies and mergers. (Reference will be

made throughout to experience in other countries and in the European Economic Communities, and especially in the United States. Candidates will be expected to understand the main features of the United States Antitrust Laws.)

**Recommended reading.**—*Restrictive Practices Reports*. (Most of the cases are also reported, though without counsel's arguments, in the *Weekly Law Reports* and the *All England Law Reports*.)

**FURTHER READING:** *Reports of the Monopolies Commission*, particularly the *Collective Discrimination Report, 1955* (Cmd. 9504); *Report on Resale Price Maintenance* (Lloyd Jacob Report) (Cmd. 7696, 1949); P. H. Guenault and J. M. Jackson, *The Control of Monopoly in the U.K.*; R. O. Wilberforce, A. Campbell and N. P. Elles, *The Law of Restrictive Trade Practices and Monopolies*, with supplement; J. Lever, *The Law of Restrictive Trade Agreements* (available either as a chapter of *Chitty on Contracts*, or separately); B. S. Yamey and R. B. Stevens, *The Restrictive Practices Court: The Judicial Solution of an Economic Problem, 1964*; Reports of the Registrar of Restrictive Trading Agreements; B. S. Yamey, "Resale Price Maintenance and the Shoppers' Choice" (*Hobart Papers*); J. B. Heath, *Still not enough Competition?*; W. G. Friedmann (Ed.), *Comparative Law Symposium on Antitrust Laws*; A. D. Neale, *The Antitrust Laws of the U.S.A.: a Study of Competition Enforced by Law*; Report of the Attorney General's National Committee to Study the Antitrust Laws, March 31, 1955; L. Schwarz, *Free Enterprise and Economic Organisation: Legal and Related Materials*; S. C. Oppenheim, *Federal Antitrust Laws*; P.E.P., *Cartel Policy and the Common Market: 1962*; Federation of British Industries, *European Economic Community Restrictive Trade Practices*.

Students should consult the latest editions of these books.

**436. Problems of Civil Litigation (Seminar).** Professor Wheatcroft and Master Jacob will conduct a graduate evening seminar fortnightly throughout the Michaelmas and Lent Terms. Admission by permission of Professor Wheatcroft.

The Seminar will discuss current problems in civil litigation. Subjects will be announced in advance.

**437. Problems in Taxation (Seminar).** Professor Wheatcroft will conduct a graduate evening seminar fortnightly throughout the Michaelmas and Lent Terms. Admission by permission of Professor Wheatcroft.

The seminar will discuss the legal, accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

(b) The following seminars are taken by members of the staff of other colleges

Subject	Lecturer
440. Jurisprudence and Legal Theory	Professor Lloyd, Professor Graveson.
441. Comparative Law of Contract in Roman and English Law	Mr. Morrison.
442. Muhammadan Law	Professor Anderson, Mr. Coulson.
443. Hindu Law	Dr. Derrett.

	Subject	Lecturer
444.	Law of Landlord and Tenant	Professor Crane.
445.	Planning Law	Mr. Scamell.
446.	Air Law	Dr. Cheng, Mr. Forrest.
447.	International Law of War and Neutrality	Colonel Draper.
448.	African Law	Dr. Allott.
449.	Law of Mortgages and Charities	Professor Keeton, Professor Ryder.
450.	History of International Law	Professor Schwarzen- berger, Mr. Parkinson.
451.	Comparative European Law	Professor Graveson.

INTERCOLLEGIATE SEMINAR FOR THE ACADEMIC  
POSTGRADUATE DIPLOMA IN LAW

456. **English Legal Method.** A seminar in English Legal Method will be held by Mr. Wellwood at King's College in the Michaelmas Term, by various lecturers at the School in the Lent Term, and by Mr. Holland at University College in the Summer Term.

MODERN LANGUAGE STUDIES

	Pages
French .. .. .	405-8, 412
German .. .. .	405-7, 409, 412
Italian .. .. .	405-7, 410, 412
Russian .. .. .	405-7, 410-412
Spanish .. .. .	405-7, 411-12
English .. .. .	412-13
B.A. Honours in History .. .. .	412
Graduate Students .. .. .	412

## MODERN LANGUAGE STUDIES

### B.Sc. (Econ.)

#### Part I

For first year students who have chosen alternative subject 11 *An Approved Modern Foreign Language*.

All students taking this option must register with the Secretary of the Modern Language Studies Department as early as possible in the first week of the session.

#### 460. French I, German I, Italian I, Russian I, Spanish I.

- (1) **Composition and Essay.**
- (2) **Translation of contemporary texts.**
- (3) **Discussion Classes** on contemporary topics relating to the foreign country selected.
- (4) **Lecture Course No. 461** (see below). All first year language students are recommended to attend this introductory course, irrespectively of the language selected.

#### 461. Foreign literatures and outlooks before the Second World War and their relevance today.

Four lectures, Michaelmas Term.

**Syllabus.**—Significant writers and their contribution to present-day trends of opinion. The aim of these lectures, which will be given in English by members of the various language sections, is to introduce language students to the part played separately or jointly by different foreign literatures in relation to major contemporary problems.

#### 461(A). France after the Second World War. Characteristic Aspects of Contemporary France. Six lectures, Michaelmas Term.

#### 461(B). Modern German Literature from the Second World War to the present day. Six lectures, Michaelmas Term.

#### Recommended Books for Part I

**FRENCH:**

- |                            |   |
|----------------------------|---|
| M. Blanc:                  | <i>Visages de la France contemporaine</i> (Second edition). |
| M. Blancpain et P. Clarac: | <i>La France d'aujourd'hui.</i>                             |
| C. Seignobos:              | <i>Histoire Sincère de la Nation Française.</i>             |
| A. Cobban:                 | <i>History of Modern France</i> (2 vols.).                  |
| P. H. Simon:               | <i>Histoire de la littérature française contemporaine.</i>  |
| M. Girard:                 | <i>Guide illustré de la littérature française moderne.</i>  |

## GERMAN:

- J. Bithell (Ed.): *Germany: a Companion to German Studies.*  
 A. J. P. Taylor: *The Course of German History.*  
 H. Mau and  
 H. Krausnick: *Deutsche Geschichte der Jüngsten Vergangenheit.*  
 J. Bithell: *Modern German Literature, 1880-1950.*  
 R. Pascal: *The German Novel.*

## ITALIAN:

- C. J. S. Sprigge: *The Development of Modern Italy.*  
 D. Mack Smith: *Italy, A Modern History.*  
 N. Machiavelli: *The Prince.*  
 M. Grindrod: *The Rebuilding of Italy.*  
 L. Sturzo: *Italy and the New World Order.*  
 L. D. Einstein: *The Italian Renaissance in England.*  
 D. S. Walker: *A Geography of Italy.*

## RUSSIAN:

- B. H. Sumner: *Survey of Russian History.*  
 A.M.Pankratova(Ed.): *A History of the U.S.S.R.*  
 J. Lawrence: *Russia in the Making.*  
 J. Gunther: *Inside Russia To-day.*  
 M. Baring: *Landmarks in Russian Literature.*  
*A Treasury of Classic Russian Literature: Great Russian Stories to 1917*  
 (Capricorn Books, N.Y. 1962).  
 G. Struve (Ed.): *Russian Stories.*  
*Soviet Short Stories* (Penguin 1963).

## SPANISH:

- E. A. Peers: *Spain: A Companion to Spanish Studies.*  
 N. B. Adams: *The Heritage of Spain.*  
 H. V. Livermore: *A History of Spain.*  
 R. T. Davies: *The Golden Century of Spain, 1501-1621.*  
 R. A. Humphreys: *The Evolution of Modern Latin America.*  
 W. C. Gordon: *The Economy of Latin America.*

## Part II.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8i (iii); and XIII 3d.  
 Course No. 462 for students in their second year. Course No. 463 for students in their final year.

Students selecting this option must register with the Head of the Department preferably at the end of their first year or in any case during the **first** week of the Michaelmas Term of their second session at the School.

Students who, having already taken a language in Part I, wish to continue with the same language in Part II should consult the Head of the Department with regard to the optional distribution of their course over their second and third years.

## 462. French II, German II, Italian II, Russian II, Spanish II.

The following courses will be given weekly in each language section, throughout the session.

- (1) **Composition and Essay.**
- (2) **Translation into English.**

- (3) **Discussion** relating the topics of the lecture course to the students' specialised interests.
- (4) **Lecture or class in accordance with the language selected.** Syllabus and recommended reading are given under courses numbers 464 to 472.

## 463. French III, German III, Italian III, Russian III, Spanish III.

- (1) **Composition and Translation.**
- (2) **Classes and Discussion Groups** in accordance with the language selected. (Various options will be found under courses numbers 464 to 472.)

## French

## 464. France, 1830-1918. Mrs. Scott-James and Dr. Tint. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (French)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8i (iii); XIII 3d (Second Year).

**Syllabus.**—Social, political and economic development; the dual role of literature as it reflects and contributes to the formation of political opinion.

## 465. France, 1918-1945. Mrs. Scott-James. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (French)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8i (iii); XIII 3d (Third Year).

**Syllabus.**—Social, political and economic development; the dual role of literature as it reflects and contributes to the formation of political opinion.

## 466. France, 1945 to the present day. Dr. Tint. Eight classes, Lent Term (beginning in the third week).

For B.Sc. (Econ.) Part II—*An Approved Foreign Language (French)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8i (iii); XIII 3d (Third Year).

## 467. Post-war France. Dr. Tint. Lent Term. Seminar on various aspects: political, literary and philosophical developments.

For graduate students. Open to undergraduates.

## 468. Language as a Means of Social Communication (Class).

Mrs. Scott-James. Fifteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II and graduate students only. Admission will be by permission of Mrs. Scott-James.

**Syllabus.**—Elements of linguistics. The sociology of the French language. Problems of communication in selected specialised fields. The language of the Press, Radio and Advertising. Political and legal French. French as an instrument of international communication.

**Recommended reading.**—References will be given during the course.

## French Book list

## GENERAL:

- G. Duby and R. Mandrou: *Histoire de la Civilisation Française* (2 vols.).  
 R. Lacour-Gayet: *La France au XX<sup>e</sup> siècle*.  
 E. Blanc: *Les Institutions Françaises*.  
 H. Luthy: *The State of France*.  
 D. W. Brogan: *The Development of Modern France, 1870-1939*.

## HISTORICAL AND POLITICAL DEVELOPMENT:

- F. Goguel: *La politique des Partis sous la III<sup>e</sup> République* (2 vols.).  
 J. Touchart: *Histoire des idées politiques* (2 vols.).  
 J. Chastenet: *Histoire de la Troisième République* (6 vols.).  
 P. Renouvin: *Histoire des Relations Internationales* (vols. V, VI, VII) (1815-1945).  
 A. Siegfried: *De la III<sup>e</sup> à la IV<sup>e</sup> République*.  
 A. Siegfried: *De la IV<sup>e</sup> à la V<sup>e</sup> République*.  
 M. Leroy: *Histoire des Idées Sociales en France* (3 vols.).  
 M. Duverger: *Les Constitutions de la France*.  
 M. Duverger: *La V<sup>e</sup> République*.

## LITERATURE AND THOUGHT:

- G. Mounin: *Les Problèmes théoriques de la Traduction*.  
 F. Brunot: *La Pensée et la Langue*.  
 M. Grévisse: *Le Bon Usage*.  
 J. Wahl: *Tableau de la Philosophie Française*.  
 G. Picon: *Panorama de la Nouvelle Littérature Française*.  
 H. Clouard: *Histoire de la Littérature Française du Symbolisme à nos Jours, 1885-1940* (2 vols.).  
 P. de Boisdeffre: *Une Histoire Vivante de la Littérature d'Aujourd'hui* (1939-1959).  
 J-P. Vinay and J. Darbelnet: *Stylistique Comparée du Français et de l'Anglais*.

## SOCIAL AND ECONOMIC DEVELOPMENT:

- H. Calvet: *La Société Française Contemporaine*.  
 H. Detton: *L'Administration Régionale et Locale de la France*.  
 H. Solus: *Les Principes du Droit Civil*.  
 H. Sée: *Histoire Economique de la France des Temps Modernes*.  
 H. Sée: *Esquisse d'une Histoire Economique et Sociale de la France depuis les Origines jusqu'à la Guerre Mondiale*.  
 P. George: *La Ville; la Campagne*.  
 L. Chevalier: *Classes laborieuses et classes dangereuses*.  
 A. Dauzat: *La Vie Rurale en France*.  
 H. Pourrat: *L'Homme à la Bêche. Histoire du Paysan*.  
 P. Lavedan: *Géographie des Villes*.  
 E. Dolléans and G. Dehove: *Histoire du Travail en France* (2 vols.).

## GEOGRAPHY:

- A. Longnon: *La Formation de l'Unité Française*.  
 L. Mirot: *Manuel de Géographie Historique de la France* (2 vols.).  
 A. Demangeon: *Géographie Economique et Humaine de la France*.  
 P. M. J. Vidal de la Blache and L. Gallois (Eds.): *Géographie Universelle, Vol. VI, La France*.  
 E. de Martonne: *Geographical Regions of France*.

## German

## 469. Miss Schatzky. Weekly classes.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (German)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i (iii); XIII 3d.

**Syllabus.**—Nineteenth-century German realism as an expression of German social and political reality.

## Recommended reading.—

## GENERAL:

- H. Kohn: *The Mind of Germany*.  
 R. Pascal: *The Growth of Modern Germany*.  
 J. Dewey: *German Philosophy and Politics*.  
 G. P. Gooch: *Germany*.  
 J. Bithell (Ed.): *Germany: a Companion to German Studies*.

## HISTORICAL AND POLITICAL DEVELOPMENT:

- G. Barraclough: *The Origins of Modern Germany*.  
 R. T. Clark: *The Fall of the German Republic*.  
 E. Kohn-Bramstedt: *Aristocracy and the Middle Classes in Germany. Social Types in German Literature, 1830-1900*.  
 G. Mann: *Deutsche Geschichte des Neunzehnten und Zwanzigsten Jahrhunderts*.  
 A. J. P. Taylor: *The Course of German History*.  
 R. Aris: *History of German Political Thought, 1789-1815*.  
 E. Vermeil: *Les doctrinaires de la révolution allemande*.  
 V. Valentin: *The German People: their History and Civilisation from the Holy Roman Empire to the Third Reich*.  
 H. Kohn (Ed.): *German History: Some New German Views*.  
 H. S. Reiss (Ed.): *The Political Thought of the German Romantics, 1793-1815*.  
 E. J. Passant: *A Short History of Germany, 1815-1945*.  
 H. Mau and H. Krausnick: *Deutsche Geschichte der Jüngsten Vergangenheit*.

## LITERATURE AND THOUGHT:

- D. van Abbé: *Image of a People*.  
 J. Bithell: *Modern German Literature, 1880-1950*.  
 G. Waterhouse and H. M. Waidson: *A Short History of German Literature*.  
 G. P. Gooch and others: *The German Mind and Outlook*.  
 R. Müller-Freienfels: *Psychologie des deutschen Menschen und seiner Kultur*.  
 R. Pascal: *The German Sturm und Drang*.  
 H. F. Garten: *Modern German Drama*.  
 H. M. Waidson: *The Modern German Novel*.  
 R. Pascal: *The German Novel*.

## SOCIAL AND ECONOMIC DEVELOPMENT:

- W. F. Bruck: *Social and Economic History of Germany from William II to Hitler*.  
 W. H. Bruford: *Germany in the Eighteenth Century*.  
 L. Erhard: *Wohlstand für Alle*.  
 R. Aron: *German Sociology*.



## Italian

## 470. Mr. Guercio. Weekly classes.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (Italian)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i (iii); XIII 3d.

**Syllabus.**—Italian literature as a reflection of the rise and development of modern Italy, from the days of d'Azeglio to those of Pirandello and Moravia.

## Recommended reading.—

## GENERAL:

- \*C. J. S. Sprigge: *The Development of Modern Italy.*  
 C. Sforza: *Gli Italiani quali sono.*  
 C. Barbagallo: *Cento anni di vita italiana.*  
 A. J. Whyte: *The Evolution of Modern Italy.*  
 \*D. Mack Smith: *Italy, A Modern History.*

## HISTORICAL AND POLITICAL DEVELOPMENT:

- \*N. Machiavelli: *The Prince.*  
 M. Einaudi: *Nationalization in France and Italy.*  
 B. Barclay Carter: *Italy Speaks.*  
 E. Wiskeman: *The Rome-Berlin Axis.*  
 \*M. Grindrod: *The Rebuilding of Italy.*

## LITERATURE AND THOUGHT:

- \*L. D. Einstein: *The Italian Renaissance in England.*  
 G. Bertoni: *Lingua e cultura.*  
 B. Croce: *La letteratura della nuova Italia.*  
 E. F. Jacob: *Italian Renaissance Studies.*

## SOCIAL AND ECONOMIC DEVELOPMENT:

- \*L. Sturzo: *Italy and the New World Order.*  
 F. Milone: *L'Italia nell' economia delle sue regioni.*  
 I. Origo: *The Merchant of Prato.*  
 A. Santarelli: *Introduzione allo studio del problema italiano.*

## GEOGRAPHY:

- A. Baldini: *Italia di Bonincontro.*  
 M. Carlyle: *Modern Italy.*  
 \*D. S. Walker: *A Geography of Italy.*

\* Recommended for students taking Part I.

## Russian

## 471. Mrs. Gottlieb. Weekly classes.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (Russian)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i (iii); XIII 3d.

**Syllabus.**—Discussion in Russian on Russian literature of the nineteenth and twentieth centuries as against the social-political background of the times.

## Recommended reading.—

## HISTORICAL AND POLITICAL DEVELOPMENT:

- V. O. Kliuchevskii: *A History of Russia.*  
 Platonov: *History of Russia.*  
 H. Seton-Watson: *The Decline of Imperial Russia.*  
 M. P. Alexseev i  
 V. S. Meilakh: *Dekabristi i ikh vremia.*

## A. I. Herzen i

- N. P. Ogarev: *Kolokol (1857-1867).*  
*Zhurnal Sovremennik (1847-1866).*  
 W. E. Mosse: *Alexander II and the Modernization of Russia.*  
 M. N. Pokrovskii: *History of Russia.*  
 M. Fainsod: *How Russia is ruled.*  
 J. N. Hazard: *The Soviet System of Government.*

## LITERATURE AND THOUGHT:

- T. J. Masaryk: *The Spirit of Russia.*  
 P. A. Kropotkin: *Russian Literature: Ideals and Reality.*  
 M. E. Malia: *Herzen and the Birth of Russian Socialism.*  
 S. R. Tomkins: *The Russian Mind. From Peter the Great through the Enlightenment.*  
 A. I. Herzen: *My Past and Thought.*  
 V. A. Desnitskii i  
 K. D. Muratova: *Revolucia 1905 goda i russkaya literatura.*  
 Y. Lavrin: *From Pushkin to Mayakovskii: A Study in the Evolution of a Literature.*  
 M. Baring: *Landmarks in Russian Literature.*  
 D. S. Mirsky: *A History of Russian Literature.*

## SOCIAL AND ECONOMIC DEVELOPMENT:

- Y. Mavor: *Economic History of Russia.*  
 A. S. Trofimov: *Rabotcheye Dvizheniye v Rossii, 1861-1894.*  
 V. A. Rzhvskii: *Krestianskii vopros i agrarnaya reforma.*  
 P. I. Lyashenko: *History of the National Economy of Russia.*

## Spanish

## 472. Mr. Gooch. Weekly classes.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (Spanish)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI i (iii); XIII 3d.

**Syllabus.**—(1) Contemporary Spain 1936-1961: the Civil War and its aftermath. The victors and the defeated. The problems of unity and reconstruction as seen in recent Spanish literature. (2) Selected aspects of Latin America.

## Recommended reading.—

## GENERAL:

- E. A. Peers: *Spain: A Companion to Spanish Studies.*  
 R. Altamira: *Los elementos de la civilización y de carácter españoles.*  
 J. B. Trend: *The Civilization of Spain.*  
 R. Menéndez Pidal: *Los españoles en la historia.*  
 N. B. Adams: *The Heritage of Spain.*  
 W. B. Fisher and  
 H. Bowen-Jones: *Spain: A Geographical Background.*

## LITERATURE AND THOUGHT:

- G. Brenan: *The Literature of the Spanish People.*  
 J. Chabás: *Literatura española contemporánea.*  
 M. Romera-Navarro: *Historia de la literatura española.*  
 G. Torrente Ballester: *Panorama de la literatura española contemporánea.*  
 L. Granjel: *Panorama de la generación del 98.*  
 J. López-Morillas: *Intelectuales y espirituales.*  
 P. Lain Entralgo: *España como problema.*  
 F. de los Ríos: *El pensamiento vivo de Giner.*  
 R. de Maeztu: *Ensayos.*

## HISTORICAL AND POLITICAL DEVELOPMENT:

- H. V. Livermore: *A History of Spain.*  
 J. Sarrailh: *La España ilustrada de la segunda mitad del siglo XVIII.*  
 R. T. Davies: *The Golden Century of Spain, 1501-1621.*  
 A. Ganivet: *Spain: an Interpretation.*  
 J. Ortega y Gasset: *Invertebrate Spain.*  
 A. S. Turbeville: *The Spanish Inquisition.*  
 J. B. Trend: *The Origins of Modern Spain.*  
 G. Brenan: *The Spanish Labyrinth.*  
 E. Allison Peers: *The Spanish Tragedy.*  
 H. Thomas: *The Civil War in Spain.*

## SOCIAL AND ECONOMIC DEVELOPMENT:

- J. Vicens Vives: *Historia social y económica de España y América* (4 vols.).  
 R. Herr: *The Eighteenth-century Revolution in Spain.*  
 A. Robert: *Perspectivas de la economía española.*  
 F. C. Sainz de Robles: *Ayer y hoy: la evolución de la sociedad española en cien años.*  
 J. Prados Arrarte: *La economía española en los próximos veinte años.*  
 M. Fraga Iribarne: *Las transformaciones de la sociedad española contemporánea.*

## LATIN AMERICA:

- H. Herring: *A History of Latin America.*  
 S. de Madariaga: *The Rise and Fall of the Spanish American Empire* (2 vols.).  
 F. A. Kirkpatrick: *The Spanish Conquistadors.*  
 R. A. Humphreys: *The Evolution of Modern Latin America.*  
 W. C. Gordon: *The Economy of Latin America.*  
 P. Henriquez-Ureña: *Literary Currents in Hispanic America.*  
 D. Fitts: *Antología de la poesía americana contemporánea.*

**B.A. Honours in History**

Classes will start in the third week of the Michaelmas Term. Students requiring language tuition should register with the Secretary to the Modern Languages Department at the beginning of the session.

**Graduate Students**

Classes in French, German, Italian, Russian, Spanish will be arranged for graduate students requiring a language for the purposes of their research. When required, classes will begin in the **fourth** week of the Michaelmas Term and the **third** week of the Lent Term. Graduate students wishing to attend should make an appointment to see the Head of the Department in the third week of the Michaelmas Term or the second week of the Lent Term.

**English**

**475. English as a Foreign Language.** Mr. Chapman. Twenty-four lectures, Sessional.

For students whose native language is not English.

**Syllabus.**—The sentence. Nouns; articles and other modifiers of nouns. Pronouns. The Verb; questions and negative statements; use of the tenses; auxiliaries; **subject and**

object. Direct and reported speech. Position of adverbs. Prepositions. Clauses of purpose, result and condition. Number. Word-order. Punctuation. Figures of speech. Changes of meaning. Methods of word-formation.

**Recommended reading.**—V. H. Collins, *A Book of English Idioms, with explanations*; E. Denison Ross, *This English Language*; O. Jespersen, *Essentials of English Grammar*; C. L. Wrenn, *The English Language*; S. Potter, *Our Language*; H. Bradley, *The Making of English*; H. W. Fowler, *Modern English Usage*; *The Concise Oxford Dictionary*.

**476. English as a Foreign Language (Class).** Mr. Chapman. Classes will be held in connection with the above course for the discussion of written work and problems of contemporary usage. Admission will be by permission of Mr. Chapman, on the recommendation of a student's tutor or supervisor.

**477. English Speech.** Mr. Chapman. Five lectures, Lent Term.

For students whose native language is not English, though this course may be of value to other students.

**Syllabus.**—Speech-mechanism. The basic sounds of English speech. Accent, stress and intonation. Elision and weak forms. Dialect. Modern tendencies.

**Recommended reading.**—J. R. Firth, *Speech*; D. Jones, *The Pronunciation of English, An English Pronouncing Dictionary*; N. C. Scott, *English Conversations*; P. A. D. MacCarthy, *English Pronunciation*; I. C. Ward, *The Phonetics of English*.

**478. The Art of Writing.** Mr. Chapman. Three lectures, Michaelmas Term.

Open to all students.

**Syllabus.**—Some suggestions for the improvement of style in everyday writing. Vocabulary; archaism, slang and jargon. Clichés. Commercial and journalistic English. Idiom. Spoken and written. Punctuation. American English.

**Recommended reading.**—R. Chapman, *A Short Way to Better English*; Ernest Gowers, *Plain Words*; H. W. Fowler, *The King's English*; A. Quiller-Couch, *The Art of Writing*; A. P. Herbert, *What a Word*; G. H. Vallins, *Good English*.

**479. English Class.** Mr. Chapman. Classes will be held for students who wish to improve their use of English, with opportunities for practice in writing essays and summaries and the comparative criticism of set passages. These classes will be open to all students but priority will be given to candidates for Civil Service Examinations. Admission will be strictly by permission of Mr. Chapman, who will interview students at the beginning of the Michaelmas Term.

Students admitted to this class will be expected to attend Course No. 478 and to study the books recommended for reading.

PHILOSOPHY, LOGIC AND SCIENTIFIC  
METHOD

## PHILOSOPHY, LOGIC AND SCIENTIFIC METHOD

**485. Introduction to Logic.** Dr. Lakatos. Twenty-four lectures, Sessional. (This course will not be given in the session 1964-65.)

For B.Sc. (Econ.) Part I—Alternative subject 3, *Introduction to Logic*; also for B.A. Honours in Philosophy and Economics (First Year).

**Syllabus.**—Deductive systems. Euclidean Geometry as the paradigm of perfect knowledge. The programme of extending the "Spirit of Geometry" to all fields of human knowledge and its breakdown. Derivation versus proof. "Inductive logic." Justification versus criticism.

Non-Euclidean Geometry. The emergence of the concept of model and related concepts (logical consequence, independence, consistency, categoricity).

The elements of formal logic: Aristotelian syllogistic and its Boolean modernisation. Stoic and modern propositional logic. The logic of predicates.

Ambiguity and inconsistency of ordinary language. Artificial languages.

**Recommended reading.**—A. Ambrose and M. Lazerowitz, *Fundamentals of Symbolic Logic*; Blanché, *Axiomatics*; D. Kalish and R. Montague, *Logic*; E. Nagel, J. R. Newman, *Gödel's Proof*; P. H. Nidditch, *The Development of Mathematical Logic*; K. R. Popper, *Conjectures and Refutations*; K. R. Popper, "Logic Without Assumptions" (*Proceedings of the Arist. Soc.*, 1946-1947); M. Kline, *Mathematics—A cultural Approach*.

**486. Introduction to Scientific Method.** Professor Popper. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 4, *Introduction to Scientific Method*; also for B.A. Honours in Philosophy and Economics (First Year). This course is recommended as a preparation for course No. 488.

**Syllabus.**—On problems and understanding problems. The aims of science—explanation and application. The evolution of standards of explanation. Illustrations from the history of science. Logical analysis of explanation. Explanation and deduction. Independent tests of the explicans. Logical analysis of tests, prediction, application. Historical and theoretical explanations. Criteria of scientific progress. Degrees of testability. Role of measurement. Hypotheses about single cases (simple hypotheses) and frequency hypotheses. Probability and its interpretations. *Ad hoc* hypotheses. The problem of induction and its history. Inductive probability *v.* degree of confirmation. Physical, biological, and social sciences.

**Recommended reading.**—MATHEMATICS AND SCIENCE: A. E. E. McKenzie, *The Major Achievements of Science*; G. Holton and G. H. D. Roller, *The Foundations of Modern Physical Science*; R. Courant and H. Robbins, *What is Mathematics?* HISTORY OF SCIENCE: S. Toulmin and J. Goodfield, *Fabric of the Heavens*; S. Toulmin and J. Goodfield, *The Architecture of Matter*; H. Butterfield, *The Origins of Modern Science 1300-1800*; A. Koestler, *The Sleepwalkers*. PHILOSOPHY OF SCIENCE: K. R. Popper, *Conjectures and Refutations*; J. O. Wisdom, *Foundations of Inference in Natural Science*; P. Duhem, *The Aim and Structure of Physical Theory*; N. R. Campbell, *What is Science?* PHILOSOPHY OF SOCIAL SCIENCE: R. Brown, *Explanation in Social Science*; K. R. Popper, *The Poverty of Historicism*; L. C. Robbins, *An Essay on the Nature and Significance of Economic Science*; F. A. Hayek, *The Counter-Revolution of Science*; J. W. N. Watkins, "Historical Explanation in the Social Sciences" (*British Journal for the Philosophy of Science*, 1957).

**486(A). Scientific Method Class—I.** Mr. Musgrave will hold a class in conjunction with Course No. 486 throughout the session.

**487. Introduction to Mathematical Logic.** Dr. Lakatos. Seven lectures, Lent Term.

For B.Sc. (Econ.) Part II.—*Mathematical Logic*, I 3n; IX 6 and 7f; X 6 and 7f (Third Year); B.A. Honours in Philosophy and Economics (Second and Third Year); recommended for graduate students.

**Syllabus.**—The problem background of modern logic in nineteenth century mathematics. The problem of foundations. The Russellian approach: the *Principia Mathematica*. Hilbert's programme. The Gödelian circle of ideas. Computability and unsolvability.

**Required background reading.**—A. H. Basson and D. J. O'Connor, *Introduction to Symbolic Logic*; Blanché, *Axiomatics*; S. C. Kleene, *Introduction to Metamathematics*, Part I (The Problem of Foundations); E. Nagel and J. R. Newman, *Gödel's Proof*.

**Recommended reading.**—H. Eves and C. V. Newsom, *An Introduction to the Foundations and Fundamental Concepts of Mathematics*; A. A. Fraenkel and Y. Bar-Hillel, *Foundations of Set Theory*; S. C. Kleene, *Introduction to Metamathematics*; W. C. and M. Kneale, *Development of Logic*; G. T. Kneebone, *Mathematical Logic and the Foundations of Mathematics*; S. Körner, *The Philosophy of Mathematics*; I. Lakatos, "Infinite Regress and the Foundations of Mathematics" (Arist. Soc. Supp. Vol. XXXVI, 1962); K. R. Popper, "Logic without Assumptions" (*Proceedings of the Arist. Soc.*, 1946-47); W. V. O. Quine, *Mathematical Logic*.

**487(A). Logic and Probability (Seminar).** Dr. Lakatos will hold a weekly seminar in connection with Course No. 487.

**488. Scientific Method.** Mr. Watkins. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Scientific Method*, I 3a; II 3a; V 8f; VI 7 and 8j; VII 3e (Second or Third Year); B.A. Honours in Philosophy and Economics (Second or Third Year); and open to other students. Diploma in Operational Research.

Students who have not attended either course No. 485, "Introduction to Logic", or course No. 486, "Introduction to Scientific Method", are advised to attend the latter in preparation for this course.

**Syllabus.**—I. Why problems of method arise in the sciences. II. Discussion of principles of method. The status of explanation and explanatory theories. Criticism of induction, conventionalism, instrumentalism, phenomenalism. The problem of learning by experience. III. Applications to a few problems such as: testability of economic theories; the rôle of models in economics; statistical methods; aims, means, and interpretations of history; theories of social change; are social theories "value-free"?

**Recommended reading.**—See bibliography given for Course No. 486. In addition: HISTORY OF SCIENCE: A. Koyré, *From the Closed World to the Infinite Universe*; A. Einstein and L. Infeld, *The Evolution of Physics*; I. B. Cohen, *The Birth of a New Physics*. PHILOSOPHY OF SCIENCE: K. R. Popper, *The Logic of Scientific Discovery*; E. Nagel, *The Structure of Science*; R. B. Braithwaite, *Scientific Explanation*; H. Poincaré, *Science and Hypothesis*; P. Duhem, *The Aim and Structure of Physical Theory*; P. W. Bridgman, *The Nature of Physical Theory*; J. O. Wisdom, *The Foundations of Inference in Natural Science*; N. R. Campbell, *What is Science?*. PHILOSOPHY OF SOCIAL SCIENCE: M. Weber, *The Methodology of the Social Sciences*; Q. Gibson, *The Logic of Social Enquiry*; T. W. Hutchinson, *The Significance and Basic Postulates of Economic Theory*; F. A. Hayek, *Individualism and Economic Order*; F. H. Knight, *On the History and Method of Economics*; J. Robinson, *Economic Philosophy*; C. Menger, *Problems of Economics and Sociology*; W. H. Walsh, *Introduction to the Philosophy of History*;

M. Mandelbaum, *The Problem of Historical Knowledge*; K. R. Popper, *The Poverty of Historicism*; *The Open Society and Its Enemies*; *Conjectures and Refutations*; M. Friedman, *Essays in Positive Economics*; J. W. N. Watkins, "Ideal Types and Historical Explanation" (*British Journal for the Philosophy of Science*, 1952); K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, 1959).

**488(A). Scientific Method Class—II.** A fortnightly class will be held in conjunction with Course No. 488 in the Michaelmas and Lent Terms by Mr. Watkins for B.Sc. (Econ.) Part II and B.A. Honours in Philosophy and Economics (Second Year) students.

**489. Introduction to Philosophy (Seminar).** Dr. Wisdom will hold a seminar for B.A. Honours in Philosophy and Economics (First Year) students in the Michaelmas and Lent Terms.

Reading lists will be given during the course.

**490. Modern Philosophy from Bacon to Kant.** Mr. Watkins. Twenty-five lectures of two hours, Sessional.

For B.A. Honours in Philosophy and Economics (First and Second Years).

**Syllabus.**—The main problems, theories and arguments of Bacon, Descartes, Locke, Spinoza, Leibniz, Berkeley, Hume, and Kant.

Philosophical problems engendered by the rise of seventeenth century physics: methods of discovery; sensible appearances and physical realities; "abstract ideas" in physics and mathematics; physical determination, human bondage and human freedom; theories of matter and thinghood; theories of causation; body-body interaction and body-mind interaction; perception and the systematic deception of the senses. Proofs of the existence of God and justifications for *apriorism* in physics; innate ideas and the principle of sufficient reason; rationalist and empiricist theories of the origins of ideas; theories of error. Essentialist and instrumentalist interpretations of Copernican and Newtonian physics; absolute and relative motion, space and time. The limits of human knowledge.

The moral and political ideas of some of these philosophies will be discussed in connexion with their epistemological and metaphysical ideas.

**Recommended reading.**—(Students are advised to concentrate their reading around, say, four of the main philosophers.) TEXTS: F. Bacon, *Novum Organum* in J. Spedding, R. L. Ellis and D. D. Heath (Eds.), *The Works of Francis Bacon*; T. Hobbes, *The Elements of Law* (Ed. F. Tonnie), Part I; R. Descartes, *Philosophical Works* (trans. E. S. Haldane and G. R. T. Ross), Vol. I; J. Locke, *Essay Concerning Human Understanding* (Ed. A. S. Pringle-Pattison); N. Malebranche, *Dialogues on Metaphysics and on Religion* (trans. M. Ginsberg); B. Spinoza, *Correspondence* (Ed. A. Wolf); *Political Works* (Ed. A. G. Wernham); *Ethics* (trans. W. H. White and A. H. Sterling, 4th edn.); G. W. Leibniz, *The Monadology and Other Philosophical Writings* (Ed. R. Latta); *Discourse on Metaphysics and Correspondence with Arnauld* (both in L. E. Loemker (Ed.), *Philosophical Papers and Letters*, Vol. I); *Selections* (Ed. P. P. Wiener); G. Berkeley, *The Principles of Human Knowledge and Three Dialogues between Hylas and Philonous* in A. A. Luce and T. E. Jessop (Eds.) *Works*, Vol. 2; D. Hume, *Enquiries* (Ed. L. A. Selby-Bigge), and *Treatise* (Ed. L. A. Selby-Bigge), especially Book I, Parts iii and iv, Book II, Part iii, and Book III, Part i; I. Kant, *Prolegomena to any Future Metaphysics and Critique of Pure Reason* (trans. N. Kemp Smith).

COMMENTATORS: R. E. Ellis and J. Spedding's Prefaces and Notes in Bacon's *Works*; G. C. Robertson, *Hobbes*; L. Roth, *Descartes' Discourse on Method*; J. Gibson, *Locke's Theory of Knowledge*; S. Hampshire, *Spinoza*; H. A. Wolfson, *The Philosophy of Spinoza*; B. Russell, *The Philosophy of Leibniz*; editorial introductions in A. A. Luce and T. E. Jessop (Eds.) *The Works of George Berkeley*; J. O. Wisdom, *The Unconscious Origin of Berkeley's Philosophy*; N. Kemp Smith, *The Philosophy of David Hume*; S. Körner, *Kant*; H. J. Paton, *Kant's Metaphysics of Experience* (2 vols.).

BACKGROUND READING: Some of the following may be consulted. E. A. Burtt, *The Metaphysical Foundations of Modern Physical Science*; H. Butterfield, *The Origins of Modern Science*; A. N. Whitehead, *Science and the Modern World*; E. Meyerson, *Identity and Reality*; A. Koestler, *The Sleepwalkers* (Part Four); R. G. Collingwood, *The Idea of Nature*; Ernst Mach, *Science of Mechanics*, Chap. II; A. Koyré, *From the Closed World to the Infinite Universe*; J. H. Randall, Jr., *The Career of Philosophy*; R. H. Popkin, *The History of Scepticism from Erasmus to Descartes*.

**491. Ethics.** Dr. Bartley. Twenty hours, Lent Term.

For B.A. Philosophy and Economics (First and Second Years).

**Syllabus.**—The scope and limits of rationality in ethics. The problem of moral scepticism and its historical background. The weapons of moral scepticism: the infinite regress and circularity arguments. Cultural and intellectual relativism. The concepts of decision and commitment. The *tu quoque* argument. The effect of moral scepticism upon criticism. Moral criticism, moral learning and the growth of rationality and of knowledge in ethics. The ethics of science and the development of the rationalist tradition. The political implications of ethical theories: scepticism and authoritarianism (Hobbes), apriorism and rational totalitarianism (Plato), epistemological mediocrity and toleration (Locke). Ethical and epistemological presuppositions of political democracy. Rational and irrational methods of political reform.

Determinism, indeterminism and the problems of free will and moral responsibility.

Ethical naturalism, the reduction of ethics to science, the reaction to naturalism and the severance of ethics from science. Intuitionism. Moore and the "naturalistic fallacy." The problem-situation after Moore. Anti-naturalism without intuitionism. The emotive-performative view. The non-descriptive account of the language of morals. Post-emotive schools of thought. Linguistic descriptivism. The reduction of science to ethics. Recent developments.

**Recommended reading.**—Apart from some of the classical writings of Plato, Aristotle, Hobbes, Spinoza, Locke, Rousseau, Hume, Kant and J. S. Mill, the following more recent works are recommended: A. J. Ayer, *Language, Truth and Logic*; W. W. Bartley, *The Retreat to Commitment*, and "Rationality versus the Theory of Rationality" (*The Critical Approach to Science and Philosophy*, Ed. M. Bunge); C. D. Broad, *Five Types of Ethical Theory*; E. H. Erikson, *Childhood and Society*, and *Identity and the Life Cycle*; S. Freud, *Civilization and Its Discontents*; R. M. Hare, *The Language of Morals*, and *Freedom and Reason*; H. Stuart Hughes, *Consciousness and Society: the Reorientation of European Social Thought, 1890-1930*; G. E. Moore, *Principia Ethica*; R. H. Popkin, *The History of Scepticism from Erasmus to Descartes*; K. R. Popper, *The Open Society and Its Enemies*, and *Conjectures and Refutations*; H. Rashdall, *The Theory of Good and Evil*; Sir D. Ross, *The Right and the Good*; H. Sidgwick, *Outlines of the History of Ethics*; M. G. Singer, *Generalization in Ethics*; C. L. Stevenson, *Ethics and Language*; S. E. Toulmin, *The Place of Reason in Ethics*; J. D. Unwin, *Sex and Culture*; J. W. N. Watkins, "Epistemology and Politics" (*Proceedings of the Aristotelian Society*, 1957-8), and "Negative Utilitarianism" (*Proceedings of the Aristotelian Society*, Supplementary Volume, 1963); M. G. White, *Toward Reunion in Philosophy*.

**492. History of Ethics.** Dr. Bartley. Twenty hours, Michaelmas Term.

For B.A. Philosophy and Economics (Second and Third Years).

**493. Problems of Epistemology and Metaphysics.** Dr. Wisdom. Twenty-four lectures, Sessional.

For B.A. Honours in Philosophy and Economics (Second and Third Years).

**Syllabus.**—Relation of mind to body. Other minds. Categories. Psychologism. Perception. Substance. Infinite divisibility.

**Recommended reading.**—J. Agassi, "Methodological Individualism" (*Brit. J. Sociol.*, 1960, 11); C. D. Broad, *The Mind and its Place in Nature*, chaps. 3, 4, 7; H. Feigl, "The

'Mental' and the 'Physical' " in *Minnesota Studies in the Philosophy of Science*, Vol. II, 1958; R. J. Hirst, *The Problems of Perception*; R. O. Kapp, *Mind, Life and Body*; G. E. Moore, *Philosophical Studies*, chaps. 5, 7, and "A Defence of Common Sense" in *Contemporary British Philosophy*, 1925, Vol. I; K. R. Popper, "Language and the Body-Mind Problem" and "A Note on the Body-Mind Problem" both in *Conjectures and Refutations*, 1963; B. A. W. Russell, *Human Knowledge: its Scope and Limits*; L. J. Russell, "Substance and Cause in Broad's Philosophy" in *The Philosophy of C. D. Broad*; G. Ryle, *The Concept of Mind*; J. W. N. Watkins, "Ideal Types and Historical Explanation" (*Brit. J. Philos. Sc.*, 1952, 3); J. O. Wisdom, "A New Model for the Mind-Body Relationship" (*Brit. J. Phil. Sc.*, 1952, 2); "Mentality in Machines" (*Proc. Arist. Soc.*, 1952, Sup. Vol. 26); "Achilles on a Physical Racecourse" (*Analysis*, 1952, 12); "Some Main Mind-Body Problems" (*Proc. Arist. Soc.*, 1960, 60); "Metamorphoses of the Verifiability Theory of Meaning" (*Mind*, 1963); J. Wynn Reeves, *Body and Mind in Western Thought*.

**493(A). Epistemology and Metaphysics (Seminar).** Dr. Wisdom will hold a seminar throughout the session for B.A. Honours in Philosophy and Economics (Second and Third Year) students. Open to other students.

**494. Philosophy of the Social Sciences (Seminar).** A seminar of one-and-a-half hours will be held fortnightly throughout the session by Dr. Corry and Dr. Wisdom for B.A. Honours in Philosophy and Economics (Second and Third Year).

**495. Philosophy Reading Class (First Year).** Mr. Watkins will hold a weekly class throughout the session for B.A. Honours in Philosophy and Economics (First Year) students.

**496. Philosophy Reading Class (Second Year).** Mr. Musgrave will hold a weekly class throughout the session for B.A. Honours in Philosophy and Economics students.

**497. Testing and Inference in the Social Sciences.** Dr. Wisdom. Twenty lectures, Michaelmas and Lent Terms.

For Diploma in Operational Research and others interested.

FOR GRADUATE STUDENTS

**498. Logic and Scientific Method (Seminar).** Dr. Wisdom, Mr. Watkins, Dr. Lakatos, Dr. Bartley and Mr. Musgrave will hold a seminar in the Michaelmas and Lent Terms for M.Sc. (Econ.) and other graduate students.

**499. Philosophy and Scientific Method (Seminar).** Professor Popper, Dr. Wisdom, Mr. Watkins, Dr. Lakatos, Mr. Musgrave and Dr. Bartley will hold a seminar of two hours weekly for graduate students and B.A. Honours in Philosophy and Economics (Third Year) students throughout the session.

POLITICAL STUDIES

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## INTERNATIONAL RELATIONS

**500. The Structure of International Society.** Mr. James (day), twenty lectures, Michaelmas and Lent Terms. Dr. Lyon (first year evening), fifteen lectures, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 7, *Structure of International Society I*.

**Syllabus.**—The purpose of this course is to promote a deeper understanding of international relations. It will examine the context within which sovereign States are able to engage in continuous and complex relations with each other, discuss the character of those relations, analyse the ingredients of foreign policy and the means by which it is executed, enquire into the circumstances which engender harmony and discord between States, and consider some proposals which have been made for the better ordering of the international society.

**Recommended reading.**—J. L. Brierly, *The Law of Nations* (6th edn.); J. L. Brierly, *The Outlook for International Law*; H. Butterfield, *Christianity, Diplomacy and War* (3rd edn.); E. H. Carr, *International Relations Between Two World Wars*; E. H. Carr, *The Twenty Years Crisis*; I. L. Claude, *Swords Into Plowshares* (2nd edn.); G. Connell-Smith, *Pattern of the Post-War World*; W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations*; J. Frankel, *International Relations*; L. J. Halle, *The Nature of Power*; F. H. Hartmann, *The Relations of Nations*; J. H. Herz, *International Politics in the Atomic Age*; R. C. Macridis (Ed.), *Foreign Policy in World Politics* (2nd edn.); C. A. W. Manning, *The Nature of International Society*; H. J. Morgenthau, *Politics Among Nations* (3rd edn.); K. N. Waltz, *Man, The State, and War*; M. Wight, *Power Politics*.

**501. The Structure of International Society (Class).** Mr. James and others (day), twenty classes, Michaelmas and Lent Terms. Mr. G. H. Stern and Mr. Donelan (evening), fifteen classes, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 7, *Structure of International Society I*. The evening classes will be for second-year students.

**502. The International Political System.** Dr. Northedge. Ten lectures, Michaelmas Term, to be given in the day and in the evening.

For B.Sc. (Econ.) Part II—Special subject of International Relations (Second Year); *Structure of International Society II*, I 3m; XIII 3b; the Certificate in International Studies; the Foreign Service Course; and for graduate students. The evening course will be for third-year students.

**Syllabus.**—The emergence and organisation of the modern system of sovereign States. The political process in the international community and contemporary thought on its character and functioning. The external needs of States and goals of State activity. The means of pressure and the forms of political relationship between States. The dynamic aspect: revolutionary movements, the external projection of political values and the changing distribution of power and leadership. War as a contingency of international life. Mechanisms for securing stability and agencies for directed change.

**Recommended reading.**—S. Hoffmann (Ed.), *Contemporary Theory in International Relations*; H. and M. Sprout, *Foundations of International Politics*; M. A. Kaplan (Ed.), *The Revolution in World Politics*; H. Kohn, *The Twentieth Century*; R. Niebuhr, *The Structure of Nations and Empires*; E. M. Winslow, *The Pattern of Imperialism*; H. Seton-Watson, *The New Imperialism*; R. Emerson, *From Empire to Nation*; A. Cobban, *National*



*Self-Determination*; C. J. H. Hayes, *The Historical Evolution of Modern Nationalism*; G. A. Almond and J. S. Coleman (Eds.), *The Politics of the Developing Areas*; A. B. Bozeman, *Politics and Culture in International History*; L. J. Halle, *The Nature of Power*; E. V. Gulick, *Europe's Classical Balance of Power*; B. Moore, *Soviet Politics: the Dilemma of Power*; G. A. Lipsky (Ed.), *Law and Politics in the World Community*; N. Ørvik, *The Decline of Neutrality*; A. Wolfers, *Discord and Collaboration*; R. Aron, *On War*.

**503. Foreign Policy Analysis.** Dr. Northedge (day). Mr. Donelan (evening). Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations (Second Year); *Structure of International Society II*, I 3m; XIII 3b; the Certificate in International Studies; the Foreign Service Course; and for graduate students. The evening course will be for third-year students.

**Syllabus.**—The aim of this course is to provide a theoretical framework for the general study of foreign policy, together with some account of recent studies in this field. Such relevant aspects of the subject as the following will be considered: the various external and internal pressures affecting the making and implementation of foreign policy, the nature of choice in the conduct of external affairs, the limits within which policy-makers act, and the problem of rationality in decision making.

**Recommended reading.**—J. Frankel, *The Making of Foreign Policy*; G. Modelski, *The Theory of Foreign Policy*; R. C. Snyder, H. W. Bruck and B. Sapin (Eds.), *Foreign Policy Decision-making*; F. Gross, *Foreign Policy Analysis*; K. London and K. Ives, *How Foreign Policy is Made*; J. L. MacCamy, *The Administration of American Foreign Affairs*; C. V. Crabb, *Bipartisan Foreign Policy*; M. Beloff, *Foreign Policy and the Democratic Process*; B. C. Cohen, *The Influence of Non-governmental Groups on Foreign Policy*; H. B. Westerfield, *Foreign Policy and Party Politics*.

**504. The Foreign Policies of the Powers.** Members of the Department and Mrs. Pickles. Thirty lectures, Lent and Summer Terms.

For undergraduate and graduate students interested.

**Syllabus.**—An analysis of the foreign policies of a selected group of major States, with due regard to their respective national interests, external commitments, traditional values and other relevant factors. The role of internal group interests and electoral considerations. Constitutional machinery for the formulation of foreign policy. Diplomatic services and techniques. Illustrative material will be drawn mainly from the post-1945 period. The United States, the United Kingdom, the Soviet Union, France, China, India, and the German Federal Republic will be considered in the Session 1964-65.

**Recommended reading.**—

(a) THE UNITED STATES: J. W. Spanier, *American Foreign Policy since World War II*; G. A. Almond, *The American People and Foreign Policy*; D. S. Cheever and H. F. Haviland, *American Foreign Policy and the Separation of Powers*; J. Kraft, *The Grand Design*; C. V. Crabb, *American Foreign Policy in the Nuclear Age*.

(b) THE UNITED KINGDOM: Lord Strang, *Britain in World Affairs*; Lord Strang, *The Foreign Office*; F. S. Northedge, *British Foreign Policy, 1945-1961*; D. G. Bishop, *The Administration of British Foreign Relations*.

(c) THE SOVIET UNION: G. Kennan, *Russia and the West Under Lenin and Stalin*; J. M. Mackintosh, *Strategy and Tactics of Soviet Foreign Policy*; R. Pethybridge, *A Key to Soviet Politics*.

(d) FRANCE: E. M. Carroll, *French Public Opinion and Foreign Affairs, 1870-1914*; J. E. Howard, *Parliament and Foreign Policy in France*; J. Furniss, *France, Troubled Ally*; H. Lüthy, *The State of France*, part 4; C. de Gaulle, *Mémoires de Guerre*, three vols., *L'Appel, L'Unité, Le Salut* (also available in English translation).

(e) CHINA: A. D. Barnett, *Communist China and Asia*; R. G. Boyd, *Communist China's Foreign Policy*; G. Paloczvi-Horath, *Mao Tse-Tung*; D. S. Zagoria, *The Sino-Soviet Dispute*.

(f) INDIA: R. N. Berkes and M. S. Bedi, *Diplomacy of India*; M. Brecher, *Nehru, a Political Biography*; K. P. Karunakaran, *India in World Affairs*, Vols. I and II.

(g) WEST GERMANY: H. Speier (Ed.), *West German Leadership and Foreign Policy*; K. W. Deutsch and L. J. Edinger, *Germany Rejoins the Powers*; A. Grosser, *Western Germany*; H. W. Gatzke, *Stresemann*; G. Scheele, *The Weimar Republic*; F. P. Chambers, *This Age of Conflict*.

**505. The International Relations of Southern Asia.** Dr. Lyon. Five lectures, Lent Term.

For undergraduate and graduate students interested.

**Syllabus.**—South and South-East Asia as a region or regions. The transition from colonial to independent status. The interplay of domestic and international politics. Communism, colonialism and communalism, nationalism, irredentism. Civil-military relations. Problems of development and warfare. The influence of outside powers. The role of international organisations such as SEATO, ECAFE, the Colombo Plan. Selected political, economic and legal problems.

**Recommended reading.**—R. H. Fifield, *The Diplomacy of South East Asia, 1945-1958*; G. A. Modelski (Ed.), *SEATO, Six Studies*; R.I.I.A., *Collective Defence in South-East Asia*; G. M. Kahin (Ed.), *Government and Politics of South-East Asia*; G. M. Kahin (Ed.), *Major Governments of Asia*; S. Rose (Ed.), *Politics in Southern Asia*.

**506. The Structure of International Society II (Class).** Mr. Chambers. Sessional.

For B.Sc. (Econ.) Part II—*Structure of International Society II*, I 3m; XIII 3b (Third Year).

**507. International Relations (Class).** Dr. Lyon and Members of the Department (day), Mr. Chambers, fortnightly (evening) Sessional.

For B.Sc. (Econ.) Part II—special subject of International Relations (Second Year day and Third Year evening students); *Structure of International Society II*, I 3m; XIII 3b (Fourth Year evening students).

On the basis of individual papers presented for discussion in the round-table manner, an analysis will be made of: current theories concerning the nature of the international political system (first term); and selected problems in international relations (second and third terms).

**508. International Institutions.** Professor Goodwin. Twenty lectures (day), Michaelmas and Lent Terms. Fifteen lectures, fortnightly (evening). Sessional.

For B.Sc. (Econ.) Part II—*International Institutions*, VII 3c (Second Year); XI 6 (Second or Third Year); XIII 8a (Third Year); the Certificate in International Studies; the Foreign Service Course; and for graduate students. The evening course will be for fourth-year students.

**Syllabus.**—The theory of international institutions: an examination of the principal schools of thought on the institutional basis of world order. An analysis of the growth, activities, and limitations of international institutions, whether quasi-universal (e.g. the League of Nations, the United Nations and the "specialised agencies") or regional (e.g. European institutions) in scope. An assessment of the impact of international institutions on the content and conduct of the foreign policies of their leading members.

**Recommended reading.**—I. L. Claude, *Swords into Plowshares*; F. H. Hinsley, *Power and the Pursuit of Peace*; W. Schiffer, *The Legal Community of Mankind*; I. L. Claude, *Power and International Relations*; F. P. Walters, *A History of the League of Nations*; A. E. Zimmern,

*The League of Nations and the Rule of Law, 1918-1935* (2nd edn., 1939); A. J. Mayer, *The New Diplomacy*; S. D. Kertesz and M. A. Fitzsimons (Eds.), *Diplomacy in a Changing World*; Royal Institute of International Affairs, *International Sanctions*; G. L. Goodwin, *Britain and the United Nations*; H. G. Nicholas, *The United Nations as a Political Institution*; L. M. Goodrich and E. Hambro, *Charter of the United Nations: Commentary and Documents* (2nd edn., 1949); R. Higgins, *The Development of International Law through the Political Organs of the United Nations*; R. N. Gardner, *Sterling-Dollar Diplomacy*; A. Schonfield, *The Attack on World Poverty*; H. L. Ismay, *NATO, The First Five Years*; R. E. Osgood, *NATO, The Entangling Alliance*; M. Beloff, *Europe and the Europeans*; P.E.P., *European Organisations*; E. B. Haas, *The Uniting of Europe*; U. W. Kitzinger, *The Challenge of the Common Market*; F. Borkenau, *The Third International*; and the relevant constitutional documents.

**508(A). International Institutions (Class).** Classes will be held weekly in the last five weeks of the Michaelmas Term and in the Lent Term by Professor Goodwin and Mr. James for B.Sc. (Econ.) Part II—*International Institutions*, VII 3c; XI 6; XIII 8a (Third Year).

An evening class will be held fortnightly throughout the session for fourth-year students.

**508(B) International Institutions (Class).** Five classes will be held at the beginning of the Michaelmas Term by Professor Goodwin for the Foreign Service Course.

**509. Diplomatic Methods and Procedures.** Mr. M. H. Banks. Five lectures, Michaelmas Term.

For the Foreign Service Course and others interested.

**Syllabus.**—The origin and growth of the methods and procedures for the conduct of foreign relations. Theories and assumptions underlying the traditional system; diplomatic agents, their status and privileges; forms of diplomatic intercourse; congresses and conferences; treaties and other international compacts, their negotiation and characteristic forms; ratification; twentieth century developments; the "New Diplomacy"; present-day foreign office and foreign service organisation.

**Recommended reading.**—E. M. Satow, *A Guide to Diplomatic Practice* (4th edn.); Lord Strang, *The Foreign Office*; Lord Strang, "Inside the Foreign Office" (*International Relations*, Vol. II, No. 1, April 1960); H. Nicolson, *Evolution of Diplomatic Method*; K. M. Pannikar, *The Principles and Practice of Diplomacy*; E. Plischke, *International Relations: Basic Documents*; T. M. Jones, *Full Powers and Ratification*; H. Blix, *The Treaty-Making Power*; Sir C. K. Webster, *The Art and Practice of Diplomacy*.

**509(A). Diplomatic Methods and Procedures (Class).** A class will be held fortnightly in the Michaelmas and Lent Terms by Mr. M. H. Banks for the Foreign Service Course and others interested.

**510. International Communism and Soviet Foreign Policy.** Mr. G. H. Stern. Twelve lectures, Michaelmas and Lent Terms (beginning in the fifth week of the Michaelmas Term).

For those undergraduate and graduate students interested; especially for B.Sc. (Econ.) Part II—*International Institutions*, VII 3c; XI 6; XIII 8a; and the Certificate in International Studies.

**Syllabus.**—International implications of the Russian Revolution of 1917. Repercussions on the International Communist Movement of changes in Soviet foreign policy. The development of the Communist movement in Eastern Europe, China, Southeast Asia, Latin America, Africa, Western Europe and elsewhere, and relations between the various local Communist organisations. The rôle of the Comintern, the Cominform and COMECON in the promotion of world Communism. Realpolitik and ideology—strategies and tactics.

**Recommended reading.**—F. Borkenau, *The Communist International*; F. Borkenau, *European Communism*; Z. K. Brzezinski, *The Soviet Bloc*; E. H. Carr, *German-Soviet Relations between the two World Wars, 1919-1939*; J. Degras (Ed.), *The Communist International 1919-1943: Documents*, Vols. I and II; I. Deutscher, *Stalin*; R. Fischer, *Stalin and German Communism*; E. R. Goodman, *The Soviet Design for a World State*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; L. Labeledz (Ed.), *Revisionism*; J. M. Mackintosh, *Strategy and Tactics of Soviet Foreign Policy*; G. Nollau, *International Communism and World Revolution*; A. Nove, *Communist Economic Strategy*; D. Footman (Ed.), *St. Anthony's Papers*, No. 9, "International Communism"; G. H. N. Seton-Watson, *The Pattern of Communist Revolution*; D. S. Zagoria, *The Sino-Soviet Conflict*.

**Note:** Courses 510-519 are designed primarily for those taking the options indicated, but they are open to all students taking the special subject of International Relations in Part II of the B.Sc. (Econ.) degree, as well as to graduate students.

**511. The Politics of International Economic Relations.** Professor Goodwin. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics of International Economic Relations*, XI 7 and 8a (Third Year); the Certificate in International Studies; the Foreign Service Course; and for graduate students.

**Syllabus.**—An analysis of (i) the sources and organisation of national economic power; (ii) the economic factor in the formulation of foreign policy; (iii) the use of economic power as an instrument of foreign policy; (iv) the political aspects of some of the central economic and social problems of contemporary international society.

**Recommended reading.**—J. A. Hobson, *Imperialism* (3rd edn.); E. Staley, *War and the Private Investor*; L. Robbins, *The Economic Causes of War*; K. Polanyi, *Origins of our Time*; H. W. Arndt, *The Economic Lessons of the Nineteen-Thirties*; Royal Institute of International Affairs, *Survey of International Affairs, 1939-46: World in March, 1939* (Part II); B. H. Klein, *Germany's Economic Preparations for War*; K. E. Knorr, *The War Potential of Nations*; H. G. Aubrey, *Coexistence: Economic Challenge and Response*; W. A. Lewis, *The Theory of Economic Growth*; J. S. Berliner, *Soviet Economic Aid*; B. Shwadran, *The Middle East, Oil and the Great Powers*.

**511(A). The Economic Factor in International Relations (Class).** A class will be held weekly in the Lent Term by Professor Goodwin for B.Sc. (Econ.) Part II—*The Politics of International Economic Relations*, XI 7 and 8a (Third Year); the Certificate in International Studies; and for the Foreign Service Course.

**512. Strategic Thought from Clausewitz to Douhet.** Mr. Bull. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Problems of International Peace and Security*, XI 7 and 8d; *The Geographical and Strategic Aspects of International Affairs*, XI 7 and 8f (Third Year); the Certificate in International Studies; and for graduate students.

**Syllabus.**—The evolution of thought concerning the conduct of war and its relation to foreign policy from the Napoleonic War to the Second World War.

**Recommended reading** will be given at the beginning of the course.

**513. War and International Relations since 1945.** Mr. Bull and Dr. Rosecrance. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Problems of International Peace and Security*, XI 7 and 8d; *The Geographical and Strategic Aspects of International Affairs*, XI 7 and 8f (Third Year); the Certificate in International Studies; and for graduate students.

**Syllabus.**—Developments in military technology since 1945 and their impact on strategic thinking. Elements of continuity and elements of change in thinking about the conduct of war. The development of military doctrine in the United States, the Soviet Union and Western Europe. The idea of deterrence. The idea of limited war. The military problems of alliances. Revolutionary and guerilla warfare. The problems of disarmament and arms control.

**Recommended reading.**—B. Brodie, *Strategy in the Missile Age*; A. Wolfers (Ed.), *Alliance Policy in the Cold War*; K. Knorr (Ed.), *NATO and American Security*; H. Bull, *The Control of the Arms Race*; T. C. Schelling and M. H. Halperin, *Strategy and Arms Control*; P. J. Noel-Baker, *The Arms Race*; E. W. Lefever (Ed.), *Arms and Arms Control*; H. A. Kissinger, *The Necessity for Choice*; R. Osgood, *NATO: The Entangling Alliance*; S. Huntington, *The Common Defense*; K. Knorr and W. T. Read (Eds.), *Limited Strategic War*; J. M. Mackintosh, *Strategy and Tactics of Soviet Foreign Policy*.

**514. Science and Politics.** Professor Gilpin. Five lectures, Michaelmas Term.

For those undergraduate and graduate students interested.

**Syllabus.**—An analysis of the contemporary interaction between science and politics, with special emphasis on the impact of science on international politics. Subjects to be treated include the following: technology and modern statecraft; experts and strategy formulation; science and bureaucratic organisation.

**Recommended reading.**—D. K. Price, *Government and Science*; C. N. J. Hitch and R. N. McKean, *The Economics of Defense in the Nuclear Age*; H. Kahn, *On Thermonuclear War*; H. A. Kissinger, *The Necessity for Choice*; R. and C. W. Gilpin, *Scientists and National Policy Making*.

**515. The Defence Policies of the Western Allies since 1945.** Professor Howard and Dr. Dawson. Fifteen lectures, Lent and Summer Terms.

For those undergraduate and graduate students interested.

**Syllabus.**—Post-war reorientation of the defence policies and armed forces of the United States and Western Europe; the Korean war and its impact; internal conflicts over weapons-development policy in the United States; the problems of Western European defence; disarmament and arms-control proposals and negotiations.

**Recommended reading** will be given at the beginning of the course.

**516. Problems of Strategy and Arms Control.** Mr. Schelling. Six lectures, Summer Term.

For those undergraduate and graduate students interested.

**517. The Problems of International Peace and Security (Class).**

A class will be held weekly in the Lent Term by Mr. James for B.Sc. (Econ.) Part II—*The Problems of International Peace and Security*, XI 7 and 8d (Third Year).

**Syllabus.**—“Peace” and “security” as competing foreign policy objectives. The sources of international insecurity; changing power relations, revisionist and expansionist policies, arms races, propaganda and subversion, domestic instability. The constituents of international power: diplomatic, economic, military, psychological. Methods by which security is sought: law, diplomacy, guarantees, alliances, neutralism, disarmament, arms control, opinion, international institutions. Stable and unstable patterns in international politics.

**Recommended reading.**—A bibliography will be provided at the beginning of the course.

**518. The Strategic Aspects of International Affairs (Class).** A class will be held weekly in the Lent Term by Mr. Bull for B.Sc. (Econ.) Part II—*The Geographical and Strategic Aspects of International Affairs*, XI 7 and 8f (Third Year).

**519. Contemporary Theories of International Politics.** Mr. M. H. Banks. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—special subject of International Relations (Second Year); graduate students; and for others interested.

**Syllabus.**—A non-mathematical survey of the character and assumptions of current speculation concerning the nature of international relations: decision-making; games theory; systems analysis; problems of theory-building.

**Recommended reading.**—J. W. Burton, “Recent Developments in Theory in International Relations”, *The Year Book of World Affairs* 1964; K. E. Boulding, *Conflict and Defense*; K. W. Deutsch, *The Nerves of Government*; S. H. Hoffmann, *Contemporary Theory in International Relations*; I. L. Claude, *Power and International Relations*; W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations*; M. A. Kaplan, *System and Process in International Politics*; R. N. Rosecrance, *Action and Reaction in World Politics*; T. C. Schelling, *The Strategy of Conflict*; R. C. Snyder and others (Eds.), *Foreign Policy Decision-Making*; J. N. Rosenau (Ed.), *International Politics and Foreign Policy*.

**520. Theories of International Politics.** Mr. Bull and Dr. Lyon. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year); the Certificate in International Studies; and for graduate students.

**Syllabus.**—The principal theories concerning international politics, considered by way of a discussion of the classical writings.

**Recommended reading.**—Dante, *De Monarchia*; Machiavelli, *The Prince*; F. de Victoria, *De Indis et De Jure Belli Relectiones*; Grotius, *De Jure Belli ac Pacis, Prolegomena*; E. de Vattel, *The Law of Nations*; E. Burke, *Letters on a Regicide Peace*, Nos. 1 and 2; Kant, *Perpetual Peace*; R. Cobden, *The Political Writings of Richard Cobden*, Vol. I; H. von Treitschke, *Politics*; F. Meinecke, *Machiavellism*; W. Schiffer, *The Legal Community of Mankind*; C. Dupuis, *Le Principe d'Equilibre et le Concert Européen*; F. H. Hinsley, *Power and the Pursuit of Peace*; N. Ørvik, *The Decline of Neutrality*; A. V. W. Thomas and A. J. Thomas, *Non-Intervention: the Law and Its Impact in the Americas*.

**521. Philosophical Aspects of International Affairs.** Professor Manning. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year); the Certificate in International Studies; and for graduate students.

**Recommended Reading.**—J. L. Brierly, *The Basis of Obligation in International Law*; K. Boulding, *The Image*; E. H. Carr, *The Twenty Years Crisis*; B. De Jouvenel, *On Power*; W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations*; G. L. Goodwin, *The University Teaching of International Relations*; F. Gross, *Foreign Policy Analysis*; S. Hoffmann, *Contemporary Theory in International Relations*; M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law*; P. Laslett (Ed.), *Philosophy, Politics, and Society* (first edn.); C. A. W. Manning, *The Nature of International Society*; T. Mathisen, *Methodology of the Study of International Relations*; F. Meinecke, *Machiavellism*; J. Plamenatz, *On Alien Rule and Self-Government*; K. Popper, *The Poverty of Historicism*; J. N. Rosenau, *International Relations and Foreign Policy*; K. Waltz, *Man, The State, and War*; R. Sterling, *Ethics in a World of Power*; T. D. Weldon, *The Vocabulary of Politics*; P. Winch, *The Idea of a Social Science*.

**521(A). Philosophical Aspects of International Affairs (Class).**

A class will be held weekly in the Lent Term by Mr. Bull and Dr. Lyon for B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year).

**522. Psychological Aspects of International Affairs.** Dr. Northedge. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year); the Certificate in International Studies; and for graduate students.

**Syllabus.**—An examination of the more important psychological factors affecting the mutual relations of modern States. Consideration will be given to: non-rational elements in political belief and behaviour; the formation of political ideas and the interested control of public opinion; the emotional functions of nationalism and other collective symbols of international bearing; communal traditions, sentiment and prejudice; national attitudes and character, and methods of their study; ideological forces in policy-making; propaganda and psychological warfare; psychological factors in inter-State conflict.

**Recommended reading.**—M. and C. W. Sherif, *An Outline of Social Psychology*; I. L. Horowitz, *Radicalism and the Revolt against Reason*; R. Crawshaw-Williams, *The Comforts of Unreason*; E. Hoffer, *The True Believer*; G. A. Almond, *The Appeals of Communism*; F. C. Barghoorn, *The Soviet Cultural Offensive*; L. M. Fraser, *Propaganda*; L. M. Fraser, *Germany between Two Wars*; E. Fromm, *The Fear of Freedom*; B. C. Shafer, *Nationalism: Myth and Reality*; H. Kohn, *Prophets and Peoples*; D. Lerner, *Sykeswar*; N. Berdyaev, *The Russian Idea*; W. Röpke, *The German Question*; B. Schaffner, *Fatherland*; R. Niebuhr, *The Irony of American History*; R. Benedict, *Race and Racism*; A. K. Weinberg, *Manifest Destiny*.

**522(A). Psychological Aspects of International Affairs (Class).**

A class will be held weekly in the Lent Term by Dr. Northedge for B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year).

**523. Domestic Aspects of International Relations.** Mr. Chambers. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Interplay between Politics at the Domestic and International Levels*, XI 7 and 8g (Third Year); the Certificate in International Studies; and for graduate students.

**Syllabus.**—International Relations, with special reference to the domestic background. "Foreign policy begins at home."

**Recommended reading.**—G. A. Almond, *The American People and Foreign Policy*; T. A. Bailey, *The Man in the Street*; R. Bassett, *Democracy and Foreign Policy*; F. P. Chambers, *This Age of Conflict*; A. Cobban, *National Self-Determination*; E. Crankshaw, *Russia and the Russians*; L. D. Epstein, *Britain: Uneasy Ally*; L. D. Epstein, *British Politics in the Suez Crisis*; S. E. Finer, *Anonymous Empire*; J. Frankel, *The Making of Foreign Policy*; E. S. Furniss, *France, Troubled Ally*; A. Grosser, *Western Germany*; J. Gunther, *Inside U.S.A.*; M. Grindrod, *The Rebuilding of Italy*; R. Hinden, *Empire and After*; M. Howard, *Soldiers and Governments*; V. O. Key, *Politics, Parties and Pressure Groups*; P. N. S. Mansergh, *The Commonwealth and the Nations*; R. B. McCallum, *Public Opinion and the Last Peace*; H. Nicolson, *Peace-making, 1919*; F. S. Northedge, *British Foreign Policy*; R. E. Osgood, *Ideals and Self-Interest in America's Foreign Relations*; Royal Institute of International Affairs, *Nationalism*; D. M. Pickles, *French Politics*; H. Speier (Ed.), *West German Leadership and Foreign Policy*; J. D. Stewart, *British Pressure Groups*; F. Thislethwaite, *The Great Experiment*; D. Warriner, *Land and Poverty in the Middle East*; A. Werth, *The Twilight of France*; A. Werth, *France, 1940-1955*; P. Williams, *Politics in Post-War France*; E. Wiskemann, *Czechs and Germans*.

**523(A). The Interplay of Politics at the Domestic and International Levels (Class).** A series of not less than ten classes will be arranged by Mr. Chambers in the Lent Term for B.Sc. (Econ.) Part II—*The Interplay of Politics at the Domestic and International Levels*, XI 7 and 8g (Third Year).

**524. The Sociology of International Law.** Mr. James. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Sociology of International Law*, XI 7 and 8h (Third Year); the Certificate in International Studies; and for graduate students.

**Syllabus.**—The purpose of this course is to examine the place, in international society, of international law. Among the topics which will be considered are: the question of the legal nature of international law; the basis of obligation in international law; the relation between international politics and international law; the factors affecting the development of international law; the suggested classification of international law into types; the relation to international law of sanctions, and their nature in an ungoverned society; the relevance of the concept of the "rule of law" in international society; the question of an international criminal law; the usefulness of endeavours to codify international law; the place, internationally, of the judicial settlement of disputes; the relation between international law and international order; the function of the international lawyer.

**Recommended reading.**—J. L. Brierly, *The Basis of Obligation in International Law and Other Papers*; *The Outlook for International Law*; P. E. Corbett, *Law and Society in the Relations of States*; *Law in Diplomacy*; H. L. A. Hart, *The Concept of Law*; M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law*; H. Lauterpacht, *The Function of Law in the International Community*; A. Nussbaum, *A Concise History of the Law of Nations* (2nd edn.); C. N. Ronning, *Law and Politics in Inter-American Diplomacy*; G. Schwarzenberger, *The Frontiers of International Law*; J. Stone, *Aggression and World Order*; *Quest for Survival*; C. de Visscher, *Theory and Reality in Public International Law*; Q. Wright, *The Role of International Law in the Elimination of War*.

524(A). **The Sociology of International Law (Class).** A class will be held weekly by Mr. James in the Lent Term for B.Sc. (Econ.) Part II—*Sociology of International Law*, XI 7 and 8h (Third Year).

525. **Current Issues in International Relations (Class).** Dr. Northedge. Lent and Summer Terms.

For undergraduate and graduate students interested. Admission by permission of Dr. Northedge.

A weekly exchange of reflections on the current diplomatic scene and the issues it raises for the academic student of international relations.

#### SEMINARS FOR GRADUATE STUDENTS

526. **International Studies.** A seminar for students taking the Certificate in International Studies will be held weekly throughout the session by Mr. Donelan.

527. **Seminar for Foreign Service Course.** A seminar limited to Foreign Service Course students will be held weekly throughout the session by Mr. M. H. Banks.

528. **International Politics.** A seminar for first-year graduate students will be held weekly throughout the session by Professor Goodwin in the Michaelmas Term, by Dr. Northedge in the Lent Term and by Mr. Bull in the Summer Term.

529. **International Institutions.** Professor Goodwin and Mr. James will hold a weekly seminar in the Michaelmas Term on the United Nations and related agencies. In the Lent and Summer Terms Professor Goodwin and Mr. Pickles will hold a fortnightly seminar on European Institutions.

530. **Problems of European Integration.** A seminar strictly limited to graduate students specialising in this field will be held fortnightly throughout the session in conjunction with Chatham House. Applications for admission should be made to Professor Day, Professor Goodwin or Mr. Pickles.

531. **National Attitudes and Foreign Policy.** Dr. Northedge, Dr. Tint and Mr. M. H. Banks will hold a fortnightly seminar in the Lent and Summer Terms for graduate students; also open to third-year undergraduates.

532. **International Communism.** A seminar will be held fortnightly in the Lent and Summer Terms by Mr. G. H. Stern.

533. **The International Politics of South and South-East Asia.** A seminar will be held weekly in the Summer Term by Dr. Lyon.

534. **Strategic Studies.** A seminar will be held weekly in the Michaelmas and Lent Terms by Professor Howard and Mr. Bull.

535. **Politics of Foreign Economic Aid.** A seminar will be held weekly in the Lent Term by Professor Devons, Mr. Donelan and Professor Goodwin.

536. **War and Peace in Political Thought.** A seminar will be held weekly in the Lent Term by Mr. Bull and Dr. Lyon.

**Note.** The attention of graduate students is drawn to the following seminar:—

603. **Pan-Africanism.** A seminar will be held by Mr. Panter-Brick and Mr. M. H. Bank in the Lent Term.

*Reference should also be made to the following section and courses:—*

**International Economics.**

**International History.**

No. 83.—**International Monetary Experience.**

No. 372.—**Public International Law.**

No. 586.—**Politics and Government of the Middle East.**

No. 587.—**The Politics of European Integration.**

## POLITICS AND PUBLIC ADMINISTRATION

- 560. British Government: an Introduction to Politics.** Professor Greaves (day), Dr. Crick (evening). Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; Diploma in Public Administration.

A study of constitutional government in Britain with some reference, by way of comparison and contrast, to the experience and traditions of other countries (not excluding autocracies); to be treated as a study both of institutions and of the concepts associated with them and their interaction with changes in the social order.

The Revolution of 1688; constitutional monarchy, parliamentary supremacy, separation and balance of power, judicial independence, the rule of law, rights and liberties. Cabinet government and other forms of executive government. Representation and legislation; the House of Commons; parties, opinion, special interests and pressure groups; the House of Lords; second chambers. The expansion of administration; the civil service; departments and statutory bodies; armed forces and police; state economic and social action; discretionary power and safeguards. Local government, decentralisation, federalism. Extension of constitutional government in the Commonwealth.

**Recommended reading.**—Students will be given details of recommended reading shortly before or after the beginning of the course.

- 561. Political Thought.** Professor Oakeshott (day), Mr. Kedourie (evening). Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1; III 2; IV 1; V 2; VI 2; VII 4; VIII 2; IX 2; X 2; XI 2; XII 2a; XIII 2; XIV 2 (Second Year).

**Recommended reading** will be given at the beginning of the course.

- 562. Political Thought from Cicero to Machiavelli.** Dr. Morrall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1; III 2; IV 1; V 2; VI 2; VII 4; VIII 2; IX 2; X 2; XI 2; XII 2a; XIII 2; XIV 2 (Third Year).

The writers with whom this course will be concerned are: Cicero, St. Augustine, St. Thomas Aquinas, Marsiglio of Padua and Machiavelli.

- 563. Political Thought from Hobbes to Burke.** Mr. Minogue. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1; III 2; IV 1; V 2; VI 2; VII 4; VIII 2; IX 2; X 2; XI 2; XII 2a; XIII 2; XIV 2 (Third Year).

**Syllabus.**—The course is designed to examine some of the main issues arising in Hobbes, Spinoza, Locke, Rousseau, Hume, Bentham and Burke, particularly the problem of individuality and its political significance. The political thought of these philosophers will be related, where relevant, to their ethical and epistemological positions.

**Texts.**—T. Hobbes, *Leviathan*; A. G. Wernham (Ed.), *Spinoza: The Political Works*; J. Locke, *Second Treatise on Government*; D. Hume, *Theory of Politics* (Ed. Watkins); J. J. Rousseau, *The Social Contract*; J. Bentham, *A Fragment on Government*; *The Theory of Legislation*, Pt. I; E. Burke, *Works* (6 Vols. World's Classics Edition); *Reflections on the Revolution in France*.

- 564. Some Political Thinkers, Mediaeval and Modern.** Dr. Morrall and Mr. Minogue. Ten lectures, Lent Term (evening).

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1; III 2; IV 1; V 2; VI 2; VII 4; VIII 2; IX 2; X 2; XI 2; XII 2a; XIII 2; XIV 2 (Fourth Year).

- 565. English Constitutional History since 1660.** Dr. Derry. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*English Constitutional History since 1660*, V 8b; VI 7 and 8b; VII 3a (Second Year).

The Restoration—relations between King, Lords, and Commons—religious issues. Ministries under Charles II. Impeachment. Ministerial responsibility. Popish Plot, Exclusion Crisis, and Royalist reaction. Habeas Corpus. Prerogative, the suspending and dispensing powers. The armed forces. James II and the Revolution of 1688. The Bill of Rights and the Act of Settlement. Toleration. William III, ministers, and party. Parliament and finance. The Cabinet in the reign of Anne. Politics in the early 18th century. The problem of the succession.

The Hanoverians. The King and the Heir Apparent and the Cabinet. Whigs and Tories. Walpole, the Premiership, and the Commons. The structure of politics.

The constitutional position of George III. His aims and motives. Ministerial instability. The executive and the legislature. Wilkes, the press, and Parliamentary privilege. The American controversy. Fox-North coalition and the election of 1784. Pitt, George III, the premiership and party in the late 18th century.

Parliamentary reform. England and the French Revolution. Radicalism and repression. Reform agitation after 1815. The 1832 Reform Bill. The electoral system 1832-1867. The reforms of 1867 and 1884. The development of party organisation. The monarchy, the premiership, and the cabinet in the 19th century. Local government. The civil service. Lords and Commons. The rise of the Labour party. The constitutional crisis of 1911. Ireland and Home Rule. Dominion status.

**Recommended reading.**—Reading lists will be distributed at the beginning of the course.

- 566. History of British Politics in the Twentieth Century.** Mr. Beattie. Ten lectures of one-and-a-half hours, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VII 6 (Second Year).

**Syllabus and recommended reading** will be given at the beginning of the course.

- 567. History of British Politics in the Twentieth Century (continued).** Dr. Donoghue. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VII 6 (Second Year).

- 568. The Government of Great Britain.** Mr. Panter-Brick and Dr. Miliband. Ten lectures of one-and-a-half hours, Lent Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom* (Second Year), VII 6.

**Syllabus.**—The theory and practice of Cabinet Government and the relation of the Government to Parliament. The office of Prime Minister. The organisation of the Cabinet. Ministers and their official advisers. The Monarchy. The House of Commons: the parliamentary parties, the position of Members, the nature of parliamentary debate, the function of the Opposition. Parliamentary procedure, possibilities of reform, use of specialised committees. The House of Lords, the problem of its reform.

**Selected reading.**—L. S. Amery, *Thoughts on the Constitution*; W. Bagehot, *The English Constitution*; W. I. Jennings, *Cabinet Government; Parliament*; J. P. Mackintosh, *The British Cabinet*; H. S. Morrison, *Government and Parliament*; A. H. Hanson and H. V. Wiseman, *Parliament at Work*; P. G. Richards, *Honourable Members*; H. J. Laski, *Reflections on the Constitution*; A. H. Birch, *Representative and Responsible Government*.

**569. British Political Parties and the Electorate.** Mr. Pickles and Mr. Pear. Ten lectures of one-and-a-half hours, Summer Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VII 6 (Second Year).

**Syllabus** and **recommended reading** will be given at the beginning of the course.

**570. Politics and Government of the United Kingdom (Class).** Mr. Panter-Brick, Dr. Miliband, Mr. Beattie.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VII 6 (Third Year).

**571. The Governmental Process.** Professor Self. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VII 6 (Third Year); Diploma in Public Administration; Diploma in Economic and Social Administration. Recommended for graduates.

**Syllabus.**—Historical approach to public administration, and modern theories on the subject. The machinery of government. Central co-ordination of finance and policy. Devolution to public corporations and local authorities. Administration in relation to interest groups, politics, and public opinion. Public policies and administrative methods. Bureaucracy. The organisation, responsibilities, and social characteristics of the public service. Specialists and general administrators. The concept of public interest.

**Recommended reading.**—MACHINERY OF GOVERNMENT: W. J. M. Mackenzie and J. W. D. Grove, *Central Administration in Britain*; F. M. G. Willson and D. N. Chester (Ed.), *The Organisation of British Central Government, 1914-56*; S. H. Beer, *Treasury Control*; W. A. Robson, *Nationalised Industry and Public Ownership*; K. C. Wheare, *Government by Committee*; L. H. Gulick and L. Urwick, *Papers on the Science of Administration*.

ADMINISTRATIVE PROCESS: J. Dewey, *The Public and Its Problems*; J. M. Gaus, *Reflections on Public Administration*; P. J. O. Self and H. J. Storing, *The State and the Farmer*; H. H. Eckstein, *Pressure Group Politics*; H. Stein (Ed.), *Public Administration and Policy Development*; F. M. C. Willson, *Administrators in Action*; H. A. Simon, *Administrative Behaviour*.

THE PUBLIC SERVICE: R. K. Merton (Ed.), *Reader in Bureaucracy*; W. A. Robson (Ed.), *The Civil Service in Britain and France*; B. Chapman, *The Profession of Government*; C. H. Sisson, *The Spirit of British Administration and Some European Comparisons*; B. Chapman, *The Prefects and Provincial France*; Lord Bridges, *Portrait of a Profession*; H. E. Dale, *The Personnel and Problems of the Higher Civil Service*; D. B. Truman, *The Governmental Process*; H. J. Storing (Ed.), *Essays on the Scientific Study of Politics*.

**572. Local and Regional Government.** Professor Self and Mr. Sharpe. Sixteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Local Government of England and Wales*, VII 3g (Second Year); for the Diploma in Social Administration (First Year) and One-Year Course; for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; for Overseas Service Officers; Diploma in Public Administration; Diploma in Economic and Social Administration. Recommended for graduate students.

**Syllabus.**—MICHAELMAS TERM. Principles and practice of the system of local government in England and Wales, including historical development of local government;

local government organisation; politics in local government; central control; local finance; functions and areas; local government and the community. Some comparisons will be made with local government in France and the U.S.A.

LENT TERM. Local government politics and planning in big cities and urban regions. The problems of local government in urban areas. Comparative material from overseas countries will be included.

**Recommended reading.**—MICHAELMAS TERM. J. Redlich and F. W. Hirst, *History of Local Government in England* (Ed. B. Keith-Lucas); C. H. Wilson (Ed.), *Essays on Local Government*; W. I. Jennings, *Principles of Local Government Law*; E. D. Simon, *A City Council from within*; J. H. Warren, *Municipal Administration*; J. M. Drummond, *The Finance of Local Government: England and Wales*; West Midland Group, *Local Government and Central Control*; D. N. Chester, *Central and Local Government: Financial and Administrative Relations*; W. A. Robson, *Development of Local Government*; T. E. Headrick, *The Town Clerk in English Local Government*; K. B. S. Smellie, *A History of Local Government*; M. I. Cole, *Servant of the County*; L. J. Sharpe, *A Metropolis Votes* (Greater London Paper, No. 8); B. Chapman, *Introduction to French Local Government*.

LENT TERM. S. A. Greer, *The Emerging City: Myth and Reality*; Report of Royal Commission on Local Government in London; P. J. O. Self, *Cities in Flood: the Problems of Urban Growth*; W. A. Robson, *The Government and Misgovernment of London* (2nd edn.); W. A. Robson (Ed.), *Great Cities of the World*; V. Jones, *Metropolitan Government*; L. P. Green, *Provincial Metropolis*; R. Vernon, *Metropolis* 1985.

**572(A).** A class will be held by Mr. Sharpe in connexion with Course No. 572 for B.Sc. (Econ.) Part II—*Local Government of England and Wales*, VII 3g (Second Year).

**573. The Aims and Methods of Governmental Planning.** Professor Self. Ten lectures, Summer Term.

For graduate students; Diploma in Public Administration; optional for Diploma in Economic and Social Administration. Open to undergraduates.

**Syllabus.**—The modern scope of state activity. Theories of democratic planning and of the relations between the economic process and the political process. Types and levels of governmental planning. Organisation of economic planning. Welfare planning. Regional planning. The relationship of plans to administrative action and co-ordination. The contribution of social sciences to planning. Administrative rationality. Planning and public opinion.

**Recommended reading** will be announced weekly.

**574. Town and Country Planning: Its aims, methods and problems.** Professor Wise, Professor Self, Dr. Estall, Dr. J. E. Martin and Mr. Sharpe. Fifteen lectures, Lent and Summer Terms.

**Syllabus.**—Contemporary policies and problems in town and country planning from the standpoint of the Social Sciences. (1) The legislative and administrative framework of town and country planning, and the geographical background of population and land use. (2) Planning policies analysed: the control of urban growth, dispersal, redevelopment, control of industrial location, mineral control, rural areas. (3) A review of the theory and practice of planning. Competitive land uses; the scope of local and central planning; financial, administrative, and political aspects.

**Recommended reading.**—L. D. Stamp, *The Land of Britain: its Use and Misuse*; *Applied Geography*; W. A. Robson (Ed.), *Great Cities of the World*; P. Self, *Cities in Flood: the Problems of Urban Growth*; W. Ashworth, *The Genesis of Modern British Town Planning*;

M. P. Fogarty, *Town and Country Planning*; F. J. Osborn, *Green-Belt Cities: the British Contribution*; R. E. Dickinson, *City, Region and Regionalism*; W. A. Robson, *The Government and Misgovernment of London* (2nd edn.); G. H. J. Daysh and others (Eds.), *Studies in Regional Planning: Town and Country Planning, 1943-51* (Cmd. 8204); G. P. Wibberley, *Agriculture and Urban Growth*; Reports of the Barlow Commission, Uthwatt Committee, Scott Committee, and Reith Committee; Report of the Herbert Commission on Local Government in Greater London; *Annual Reports of the New Town Corporations*; Report of the Selection Committee on Qualifications of Planners. Other reports and plans will be discussed during the course.

**575. Introduction to Political Institutions: U.S.S.R.** Professor Schapiro. Five lectures of one-and-a-half hours, Michaelmas Term. (For the first five weeks of term.)

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VII 7 (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

**576. Introduction to Political Institutions: France.** Mr. Pickles. Five lectures of one-and-a-half hours, Lent Term. (For the first five weeks of term.)

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VII 7 (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

**577. Introduction to Political Institutions: U.S.A.** Mr. Pear. Five lectures of one-and-a-half hours, Summer Term.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VII 7 (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

**578. Comparative Study of Political Institutions (Second Year).** Professor Schapiro, Mr. Pickles and Mr. Wolf-Phillips. Eight lectures of one-and-a-half hours, Summer Term.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VII 7 (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

**579. Comparative Study of Political Institutions (Third-Year Classes).** Professor Schapiro, Mr. Pear, Mr. Pickles and Mr. Wolf-Phillips will hold classes in the Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VII 7 (Third Year).

**580. African Government and Politics.** Mr. Panter-Brick. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of New and Emergent States in former British and French Africa*, VII 8c (Second Year); Overseas Service Officers; Graduate students.

**Syllabus.**—The character and aims of nationalist movements in the different parts of Africa, both before and after independence. The demand for self-government in the context of colonial rule. The application in Africa of the terms rights, the nation, democracy, socialism. Various ways of classifying African states. Single-party rule in theory and practice. The centralisation and concentration of authority. Political leadership, representation, responsibility. Some problems concerning the position of party officials, the civil service, the judiciary, the army and the police. Law and order, subversion and insurrection. The politics of economic planning. The use and control of foreign aid. The Panafrican movement; problems of federation and confederation. Inter-state co-operation, both political and economic, in theory and practice. Regional groupings, notably among the former French colonies and in East Africa.

**Selected reading.**—T. L. Hodgkin, *African Nationalism; African Political Parties*; "A Note on the Language of African Nationalism" (*St. Anthony's Papers*, No. 10); J. Plamenatz, "Self-Government Reconsidered" in K. E. Robinson and A. F. M. Madden (Eds.), *Essays in Imperial Government*; J. Buchmann, *L'Afrique Noire Indépendante*; L. P. Mair, *New Nations*; C. Legum, *Pan-Africanism*; S. A. de Smith, *The New Commonwealth and its Constitutions*; E. A. Shils, "Political Development in the New States" (*Comparative Studies in Society and History*, II, 1959-60); M. L. Kilson, "Authoritarian and Single-Party Tendencies in African Politics" (*World Politics*, Vol. 15, No. 2, Jan. 1963); F. Ansprenger, *Politik im Schwarzen Afrika*; R. A. Oliver and J. D. Fage, *A Short History of Africa*; R. Emerson, *From Empire to Nation*; I. Wallerstein, *Africa: the Politics of Independence*; J. K. Nyerere, "One Party System" (*Spearhead*, Jan. 1963); W. H. Whiteley, "Political Concepts and Connotations" (*St. Anthony's Papers*, No. 10); A. R. Zolberg, *One-Party Government in the Ivory Coast*; G. M. Carter (Ed.), *Five African States*.

**581. New States in English-Speaking Africa.** Professor Mair. Four lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of New and Emergent States in former British and French Africa*, VII 8c (Second Year); Overseas Service Officers; Graduate students.

**Syllabus.**—The legacy of colonial rule: "Indirect Rule" and local government. The process of constitution-making, before and after the attainment of independence. Ghana and Tanganyika as illustrations of typical problems.

**Recommended reading.**—D. Kimble, *A Political History of Ghana*; W. I. Jennings, *The Approach to Self-Government; Democracy in Africa*; A. B. Cohen, *British Policy in Changing Africa*; M. Hailey, *An African Survey: Revised 1956*, pp. 186-206, 284-327, 471-7, 517-529; B.T.G. Chidzero, *Tanganyika and International Trusteeship*.

**582. The Government and Politics of Canada—Selected Topics.** Mr. McKenzie. Five lectures, Summer Term.

For graduate students; open to undergraduates.

Syllabus and recommended reading will be given at the beginning of the course.

**583. Politics and Government of France.** Mr. Pickles. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign Country*, VII 8c (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

**583(A).** A fortnightly class for students in their *third* year will be held in connexion with Course No. 583 in the Michaelmas and Lent Terms by Mr. Pickles.



**584. Politics and Government of the U.S.A.** Mr. Pear. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign Country*, VII 8c (Second Year).

**Syllabus** and **recommended reading** will be given at the beginning of the course.

**584(A).** A fortnightly class for students in their *third* year will be held in connexion with Course No. 584 in the Michaelmas and Lent Terms by Mr. Pear.

**585. Politics and Government of Russia.** Professor Schapiro. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign Country*, VII 8c (Second Year).

**Syllabus** and **recommended reading** will be given at the beginning of the course.

**585(A).** A fortnightly class for students in their *third* year will be held in connexion with Course No. 585 in the Michaelmas and Lent Terms by Professor Schapiro.

**586. Politics and Government of the Middle East.** Mr. Kedourie. Ten lectures, Lent Term. (This course will not be given in the session 1964-65.)

For graduate students and others interested in the subject.

**Syllabus.**—Islamic political thought and traditions of government. The breakdown of the old order. The Ottoman Reform and its outcome: society and government in the Ottoman Empire and Egypt in the nineteenth century. Islamic Reform. Nationalism, Muslims and non-Muslims. The Persian Revolution, 1906 and The Young Turk Revolution, 1908-9. The destruction of the Ottoman Empire. The successor states. Constitutionalism and authoritarianism. Panarabism and Zionism. The state of Israel and its politics.

**Recommended reading.**—C. C. Adams, *Islam and Modernism in Egypt*; Antiochus, (pseud.) "Europe and the Middle East" (*The Cambridge Journal*, 1952); G. Antonius, *The Arab Awakening*; T. W. Arnold, *The Caliphate*; M. H. Bernstein, *The Politics of Israel*; E. G. Browne, *The Persian Revolution*; C. N. E. Eliot, *Turkey in Europe*; H. W. G. Glidden, "Arab Unity: Ideal and Reality" in J. Kritzeck and B. Winder (Eds.), *The World of Islam*; S. G. Haim, *Arab Nationalism*; A. Hourani, *Arabic Thought in the Liberal Age, 1798-1939*; A. Hertzberg, *The Zionist Idea*; J. C. Hurewitz, *The Struggle for Palestine*; K. Karpat, *Turkey's Politics*; E. Kedourie, *England and the Middle East*, and "Reflexions sur le Royaume d'Iraq 1921-1958" (*Orient*, 1959); A. K. S. Lambton, *Islamic Society in Persia*; W. Z. Laqueur (Ed.), *The Middle East in Transition*; B. Lewis, *The Emergence of Modern Turkey*; A. H. Lybyer, *The Government of the Ottoman Empire in the time of Suleiman the Magnificent*; R. Montagne, "The Modern State' in Africa and Asia" (*The Cambridge Journal*, 1952); E. E. Ramsaur, *The Young Turks*; P. Rondot, *Les Institutions Politiques du Liban*; E. I. J. Rosenthal, *Political Thought in Medieval Islam*; D. de Santillana, "Law and Society" in *The Legacy of Islam*; G. E. von Grunbaum, "Islam" and "Problems of Muslim Nationalism" in R. N. Frye (Ed.), *Islam and the West*; D. Warriner, *Land and Poverty in the Middle East*; J. Weulersse, *Paysans de Syrie et du Proche-Orient* (Bk. I, chap. 2).

**587. The Politics of European Integration.** Mr. Pickles. Nine lectures, Michaelmas Term.

For graduate students; open to undergraduates.

**Syllabus.**—History and pre-history of the movement and the problems they reveal:—What is Europe? Does it exist? Successive phases of the modern movement:— integration through pressure of public opinion, through functional technocracy, through political pseudo-federalism, through economic quasi-federalism. Analysis and critique of the political assumptions, explicit and implicit, of each of these phases.

**Recommended reading.**—M. C. Hollis, *Europe Unites* (for the European Movement); M. Beloff, *Europe and the Europeans*; *European Coal and Steel Community, Ad Hoc Assembly . . . Draft Treaty . . . European Political Community, 1953 (Draft Treaty embodying the Statute of the European Community presented to the Assembly (Document 12) 1953)*; Comité Intergouvernemental créé par la Conférence de Messine, 1956 (*Rapport des Chefs de Délégation aux Ministres des Affaires Etrangères*); R. Regul, *Die Montan-Gemeinschaft und das Problem der Teilintegration*; *Revue d'Economie Politique*, Jan.-Feb. 1958, (special number on the Common Market); Groupe d'étude de l'Institut des Relations Internationales de Bruxelles, *La Communauté Européenne du Charbon et de l'Acier (Cahiers de la Fondation Nationale des Sciences Politiques, No. 41)*; J. de Soto, *La C.E.C.A.*; J. Deniau, *Le Marché Commun*; U. W. Kitzinger, *The Challenge of the Common Market*; W. Pickles, *Not with Europe*; Campbell and Thompson, *The Law of the Common Market*.

**588. Political Thought (Texts).** Fifteen classes in the Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Political Thought (Set Texts)*, VII, 5 (Third Year).

**Plato**—Dr. Sharp.

**Aristotle**—Dr. Morrall.

**Marsilius**—Dr. Sharp.

**Machiavelli**—Professor Oakeshott.

**Hobbes**—Mr. Minogue.

**Locke**—Mr. Cranston.

**Rousseau**—Mr. Pickles.

**Mill**—Mr. Thorp.

**589. Political Philosophy.** Professor Smellie and Mr. Cranston. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Political Philosophy*, VII 8a; XI 7 and 8i (i) (Second Year); Diploma in Public Administration.

**Philosophy:** its nature and methods, and its place in the study of politics. The origins and grounds of moral judgments. Authority and power. Compulsion, persuasion and consent. Responsibility and punishment. Political obligation. Organic and individualistic theories of political society. Concepts of nature and of reason. Natural Law and Natural Rights. The definition of freedom. Social change and the problem of determinism. Positive and normative laws in political science. Property and distributive justice. The principle of equality. Conflicts of tradition and progress. Theoretical foundations of democratic and non-democratic political orders.

**Recommended reading** will be given at the beginning of the course.

**589(A).** A fortnightly class for students in their *second* year will be held in connection with Course No. 589 in the Lent and Summer Terms by Professor Smellie and Mr. Cranston.

**589(B).** A fortnightly class for students in their *third* year will be held in connection with Course No. 589 in the Michaelmas and Lent Terms by Professor Smellie and Mr. Cranston.

**590. Contemporary Political Thought.** Professor Greaves. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Contemporary Political Thought*, VII 8b; XI 7 and 8i (ii) (Second Year).

**Syllabus.**—The European political thinking that has followed upon the rise of popular politics and the growth of industrial society. The part played in this thinking by increased knowledge of the natural world and its technological applications, and by the belief in the existence of laws of history. It thus covers the period from the French, and the industrial, revolutions to the present day.

**Recommended reading.**—TEXTS: J. Bentham, *Introduction to the Principles of Morals and Legislation*; G. W. F. Hegel, *The Philosophy of Right* (Trans. T. M. Knox); S. T. Coleridge, *Second Lay Sermon*; St. Simon, *Selected Writings* (Blackwell); K. Marx, *The Communist Manifesto* (Introduction by H. J. Laski); K. Marx, *Criticism of Political Economy*; J. S. Mill, *On Liberty*; J. S. Mill, *Representative Government*; T. H. Green, *Lectures on the Principles of Political Obligation*; C. Sorel, *Reflections on Violence*; V. I. Lenin, *What is to be Done?*; V. I. Lenin, *The State and Revolution*.

**GENERAL READING OR FOR REFERENCE:** J. H. Randall, *The Making of the Modern Mind*; J. Schumpeter, *Capitalism, Socialism and Democracy*; J. S. Mill, *Bentham and Coleridge*; J. S. Mill, *Utilitarianism*; H. Michel, *L'Idée de l'Etat*; J. Talmon, *Political Messianism*; R. H. Tawney, *Acquisitive Society*; A. V. Dicey, *Lectures on the relation between Law and Public Opinion in the Nineteenth Century*; R. H. Soltau, *French Political Thought in the Nineteenth Century*; G. de Ruggiero, *The History of European Liberalism*; B. Croce, *History as the Story of Liberty*; W. Bagehot, *Physics and Politics*; M. Arnold, *Culture and Anarchy*; R. Williams, *Culture and Society 1750-1950*; E. Wilson, *To the Finland Station*; L. T. Hobhouse, *Elements of Social Justice*; G. Wallas, *Human Nature in Politics*; Fabian Essays (Introduction by Asa Briggs); E. Kedourie, *Nationalism*; H. R. G. Greaves, *Foundations of Political Theory*; H. J. Laski, *Grammar of Politics* (chap. 7).

**590(A).** A fortnightly class for students in their *second* year will be held in connection with Course No. 590 in the Lent and Summer Terms by Professor Greaves, Dr. Miliband and Mr. Thorp.

**590(B).** A fortnightly class for students in their *third* year will be held in connection with Course No. 590 in the Michaelmas Term by Professor Greaves, Dr. Miliband and Mr. Thorp.

**591. Marxism.** Dr. Miliband. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Contemporary Political Thought*, VII 8b ; XI 7 and 8i (ii) (Third Year). Recommended also for graduate students.

**Syllabus.**—An examination of Marx's thought and of some revisions and adaptations of Marxism, notably German Revisionism and Leninism.

A **reading list** will be provided at the beginning of the course.

**592. The State and Society.** Dr. Miliband. Ten lectures, Lent Term.

For graduate students. Open to undergraduates and recommended for B.Sc. (Econ.) Part II—special subject Government (Third Year).

**Syllabus.**—An examination of the nature and role of the state in contemporary society, and of the main factors which influence its operation.

**Recommended reading** will be provided at the beginning of the course.

**593. Political Stability.** Dr. Crick. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II, special subject Government (Third Year). Recommended also for graduate students as an introduction to political sociology.

**Syllabus.**—To consider the conditions under which the type of government properly called "political", commonly called "democratic", maintains itself, or not. Characteristics of free or political systems. Aristotle's theory of mixed constitutions. Machiavelli's Discourses. The Republican and Whig theories of order. Democracy and Industrialism. Tocqueville's theory of the group. Alternatives to Politics. The collapse of Weimar. The Case of Spain. Current sociological theories. Politics as Freedom.

**594. The History of Continental Socialist Thought.** Mr. Pickles. Fifteen lectures, Michaelmas and Lent Terms.

For graduate students; open to undergraduates.

**Syllabus.**—The approach to Socialism in the seventeenth and eighteenth centuries. Babeuf. Saint-Simon and Saint-Simoniens. Fourier, Considérant and the Fouriéristes. French Christian collectivism culminating in Louis Blanc; Colins. Derivative character of German Socialism; Weitling, Young Germany, Grün, Hess. Proudhon. Proletarian Socialism in France; Blanqui. Marx. The impact of Marxism in Germany, France. From Lassalle to Bernstein; phases of the revisionist controversy; Landauer. Belgium. Guesde and Jaurès in France; reformism *v.* revolution. Lenin, Trotsky and Stalin. Neo-socialism, Blum and the evolution of the Jaurès tradition.

**Recommended reading.**—T. Kirkup, *A History of Socialism*; F. Mehring, *Die deutsche Sozialdemokratie*; B. Malon, *Histoire du Socialisme*; A. Gray, *The Socialist Tradition*; G. D. H. Cole, *History of Socialism*, Vols. I and II. In preference to the many studies of individual socialist writers, read rather some of the principal works of the authors named above, especially P. Buonarroti, *Conspiration pour l'Egalité, dite de Babeuf*; *Doctrine de Saint-Simon* (Rivière edition); V. Considérant, *Manifeste de l'école sociétaire*; J. J. L. Blanc, *Organisation du Travail*; P. J. Proudhon, *Le principe fédératif*; K. Marx and F. Engels, *Manifesto of the Communist Party*; E. Bernstein, *Die Voraussetzungen des Sozialismus*; D. Ligou, *Histoire du Socialisme en France 1871-1961*; G. Lefranc, *Le Mouvement Socialiste sous la Troisième République (1875-1940)*; J. Jaurès, *Œuvres Choisies* (Penguin); L. Blum, *Pour Etre Socialiste; A l'Echelle Humaine*.

**595. Russian Political Thought.** Dr. Utechin. Ten lectures, Lent Term.

For graduate students; open to undergraduates.

**Syllabus** and **recommended reading** will be given at the beginning of the course.

**596. Parliament Makes a Law.** Mr. Sharpe. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II, special subject Government (Third Year); Diploma in Public Administration. Recommended for graduate students.

**Syllabus.**—The British policymaking process, taking the London Government Act, 1963, as the principal example. The origins, passing and outcome of the Act will be described and analysed.

A **reading list** will be provided at the beginning of the course.

**597. The British Process of Government.** Dr. Crick, Dr. Donoghue, Mr. Beattie and Mr. Sharpe. Ten seminar-classes in the Lent Term.

For B.Sc. (Econ.) Part II special subject Government (Third Year). Students who wish to attend should apply to Dr. Crick. Also recommended for graduate students.

**Syllabus.**—This class will consider critically the established secondary literature in British government and politics and will discuss the concepts by which both writing and teaching are usually presented.

A reading list will be made available during the Michaelmas Term.

**598. Public Enterprise.** Professor Robson. Eight lectures, Michaelmas Term.

For graduate students; B.Sc. (Econ.) Part II—*The Politics and Government of the U.K.*; VII 6 (Third Year); Diploma in Public Administration.

**Syllabus.**—The distinctive features of public enterprise. Factors determining the extent and scope of public enterprise in different countries. The principal spheres of public undertakings. The motives underlying State action in this sphere.

The several types of institution used for administering public enterprises. The public corporation: its constitutional, political, legal, financial and administrative characteristics. The Governing Board. Comparison with joint stock companies, Government Departments, municipal corporations, etc. The theory and practice of public corporations.

The organisation and management of public undertakings. Relations with Parliament, Ministers, the Courts, etc. Consumers and Consumer Councils. Labour Relations and Joint Consultation. Competition and monopoly in the public sector.

The aims and purposes of public enterprise. Rival concepts. The criteria of performance. Favourable and adverse conditions for the operation of public enterprise.

**Recommended reading.**—W. A. Robson, *Nationalized Industry and Public Ownership*; W. A. Robson (Ed.), *Public Enterprise*; W. A. Robson (Ed.), *Problems of Nationalized Industry*; A. H. Hanson (Ed.), *Nationalization*; A. H. Hanson, *Parliament and Public Ownership*; A. H. Hanson, *Public Enterprise and Economic Development*; M. Shanks (Ed.), *The Lessons of Public Enterprise*.

Other books will be recommended in the course of the lectures.

### SEMINARS

**600. Political Thought.** Mr. Kedourie, Mr. Cranston, Mr. Thorp and Mr. Minogue will hold a seminar for graduate students engaged in the study of political philosophy and the history of political thought. It will begin in the second week of the Michaelmas Term.

**601. Problems of Contemporary Socialism.** Dr. Miliband will hold a seminar in the Lent Term for graduate students in the departments of Government and of Sociology. Other graduate students will, however, be welcome.

The seminar will study some problems of socialist theory and practice in Western and Communist societies and in countries of the "Third World". Admission by permission of Dr. Miliband.

**602. Soviet Problems.** Professor Schapiro will hold a weekly seminar on current political problems and on historical questions in the Soviet and Communist orbit during the session for graduates working under his supervision. Others may attend by invitation only.

**603. Pan-Africanism.** A seminar for graduate students will be held in the Lent Term by Mr. Panter-Brick and Mr. M. H. Banks.

**604. Parties, Pressure Groups and the Political Process.** A seminar will be held weekly during the Lent and Summer Terms by Mr. McKenzie and Mr. Pear for graduate students specialising in Sociology or in Government. Undergraduates may be admitted by permission.

The seminar will be devoted primarily to a study of the structure and functioning of the major political parties and interest groups in this country and to the study of political behaviour. There will also be some discussion of comparative material from the United States and other countries. Members of Parliament and officials of the various party organisations will be invited to address the seminar.

**605. Seminar.** A seminar will be held for graduate students on a subject to be arranged, by Professor Greaves, in the Michaelmas and Lent Terms.

**606. The Conditions of Political Rule.** Dr Crick will hold a weekly seminar in the Lent Term to consider some theories and concepts associated with political stability and change with special reference to the conditions for "political democracy". Students interested in political sociology from other departments may attend, and third-year undergraduates in Government by permission. It is advisable to have attended course No. 593.

**607. Comparative Local Government and Planning.** A seminar for graduate students will be held in the Lent Term by Professor Self and Mr. Sharpe.

**608. Public Administration.** A seminar will be held for graduate students by Mr. Sharpe in the Michaelmas Term and by Professor Self in the Lent Term.

**609. Theories of Democratic Planning.** A seminar will be held by Professor Self in the Summer Term.

**610. Parliamentary Government.** A seminar for graduate students will be held in the Michaelmas Term by Mr. Panter-Brick, Mr. Beattie, Dr. Donoghue and Dr. Derry.

**611. Modern Middle Eastern History and Politics.** A seminar will be held by Mr. Kedourie and Dr. Vatikiotis (S.O.A.S.) at the School of Oriental and African Studies in the Session 1964-65 and at the London School of Economics in the following Session.

- 612. Problems of Public Enterprise.** Professor Robson will hold a seminar for graduate students in the Michaelmas Term. Undergraduate students may be admitted by special permission of Professor Robson.
- 613. Political Structure of the East European Democracies.** Mr. Ionescu will hold a seminar (study group) for graduate students throughout the session to consider pluralistic forces in monolithic systems.

## INDUSTRIAL RELATIONS

## INDUSTRIAL RELATIONS

**625. Comparative Industrial Relations.** Professor Roberts and Mr. R. F. Banks. Fifteen lectures, Lent and Summer Terms.

For graduate students; suitable for the Trade Union Studies course and the Diploma in Personnel Management.

**Syllabus.**—Some aspects of the development of industrial relations in the U.S.S.R., U.S.A., the British Commonwealth and Europe. The development of trade union organisation, functions and methods of collective bargaining. The rôle of the state with reference to wage determination and the settlement of industrial conflicts. The pattern of industrial relations at the plant level.

**Recommended reading.**—I. Deutscher, *Soviet Trade Unions*; G. R. Barker, *Some Problems of Incentives and Labour Productivity in Soviet Industry*; J. R. Commons and others, *History of Labour in the United States*; F. R. Dulles, *Labor in America*; H. W. Davey, *Contemporary Collective Bargaining*; H. A. Millis and E. C. Brown, *From the Wagner Act to Taft-Hartley*; A. E. C. Hare, *Report on Industrial Relations in New Zealand*; W. Galenson (Ed.), *Comparative Labor Movements*; International Labour Office, 1950, *Labour-Management Co-operation in France*; H. J. Spiro, *The Politics of German Co-determination*; K. F. Walker, *Industrial Relations in Australia*; *Political Quarterly*, Special numbers, "Trade Union Problems", January 1956, and "Employers and Labour Problems", July 1956; B. C. Roberts, *National Wages Policy in War and Peace*; A. F. Sturmthal, *Contemporary Collective Bargaining in Seven Countries*; B. C. Roberts (Ed.) *Industrial Relations: Contemporary Problems and Perspectives*.

**625(A). Comparative Industrial Relations (Class).** A class will be arranged for members of the Trade Union Studies course. A small number of graduate students specialising in this field may be admitted strictly by permission of Professor Roberts.

**626. Industrial Conflict.** Mr. R. F. Banks. Eight lectures, Summer Term.

For graduate students; suitable for the Trade Union Studies Course and the Diploma in Personnel Management.

**Syllabus.**—The nature of industrial conflict; types of conflict; theories of conflict; the strategy of conflict; measurement of industrial conflict; influences on industrial conflict: economic, social, ideological; changing patterns of industrial conflict: national and international comparisons; inter-industry, inter-occupational, and inter-regional patterns of conflict; methods of accommodating, removing and controlling industrial conflict: collective bargaining, conciliation, arbitration, and the role of the State.

**Recommended reading.**—K. G. J. C. Knowles, *Strikes—A study in Industrial Conflict*; A. W. Gouldner, *Wildcat Strike*; A. M. Ross and P. T. Hartman, *Changing Patterns of Industrial Conflict*; A. W. Kornhauser and others (Eds.), *Industrial Conflict*; C. Kerr, "Industrial Conflict and its Mediation" (*The American Journal of Sociology*, November, 1954); K. Forchheimer, "Some International Aspects of the Strike Movement" (*Bulletin of the Oxford University Institute of Statistics*, January, 1948); R. Stagner, *Psychology of Industrial Conflict*; R. Dahrendorf, *Class and Class Conflict in Industrial Society*; L. A. Coser, *The Functions of Social Conflict*; National Bureau of Economic Research Special Conference Series No. 14, *Aspects of Labor Economics*; O. Kahn-Freund, "Inter-group Conflicts and their Settlement" (*The British Journal of Sociology*, September, 1954); P. Duncan, "Conflict and Co-operation Among Trawlermen" (*British Journal of Industrial Relations*, October, 1963); G. C. Cameron,

"Post-war Strikes in the North-East Shipbuilding and Ship-repairing Industry" (*British Journal of Industrial Relations*, March, 1964); S. W. Lerner, *Breakaway Unions and the Small Trade Union*; J. Bescoby and H. A. Turner, "An Analysis of Post-war Labour Disputes in the British Car Manufacturing Firms" (*The Manchester School of Economic and Social Studies*, May, 1961); H. A. Turner and J. Bescoby, "Strikes, Redundancy and the Demand Cycle in the Motor Car Industry" (*Bulletin of the Oxford University Institute of Statistics*, May, 1961); G. Rimlinger, "International Comparisons of Strike Activity in Coal Mining" (*Industrial and Labor Relations Review*, April, 1959).

**627. Seminar on Trade Union and Management Problems.**

Professor Roberts and guest speakers. Lent and Summer Terms.

Admission is strictly limited to members of the Trade Union Studies Course. Graduate students may attend by permission of Professor Roberts.

**628. Industrial Relations (Seminar).** Professor Roberts, Miss Seear and Mr. Thurley will hold a seminar in the Lent Term for the Diploma in Personnel Management, graduate students, and the Trade Union Studies course.

**629. Problems in Industrial Relations.** A weekly seminar will be held in the Summer Term by Professor Roberts, Miss Seear and Mr. Thurley together with visiting speakers, to discuss current issues and research in the field of industrial relations. The seminar will be open to graduate students and permission to attend should be obtained from Professor Roberts.

**630. Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar).** Professor Roberts.

For graduate students and oversea students attending non-degree courses.

**631. The Political History of Trade Unions.** Professor Roberts. Ten lectures, Michaelmas Term.

For the Trade Union Studies course, the Diploma in Personnel Management and for graduate students.

**Syllabus.**—The course will cover selected aspects of trade union developments from the foundation of the T.U.C. to the present day.

**Recommended reading.**—B. C. Roberts, *The Trades Union Congress, 1868-1921*; W. J. Davis, *History and Recollections of the T.U.C.* (2 Vols.); S. and B. Webb, *A History of Trade Unionism*; R. Postgate, *The Builders History*; G. D. H. Cole, *Short History of the Working Class*; *History of the Labour Party*; H. M. Pelling, *The Origins of the Labour Party, 1880-1900*; W. H. Crook, *The General Strike*; R. C. K. Ensor, *England, 1870-1914*; E. Halévy, *A History of the English People—Epilogue*, Vol. I, 1895-1905, Vol. II, 1905-1915; J. B. Jefferys, *The Story of the Engineers*; *Annual Reports of the Trades Union Congress*; F. Bealey and H. M. Pelling, *Labour and Politics 1900-1906*; Martin Harrison, *Trade Unions and the Labour Party since 1945*; V. L. Allen, *Trade Unions and the Government*.

**632. Trade Unions in Britain.** Professor Roberts. Ten lectures, Michaelmas Term.

For the Trade Union Studies course; the Diploma in Personnel Management. B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, III 6a (Second or Third Year); suitable for graduate students.

**Syllabus.**—Trade union growth; why workers join unions; trade union structure and government. The policy and practice of unions; collective bargaining; the use of the strike; non-wage issues. Trade unions and politics.

**Recommended reading.**—S. and B. Webb, *A History of Trade Unionism*; *Industrial Democracy*; W. Milne-Bailey (Ed.), *Trade Union Documents*; W. Milne-Bailey, *Trade Unions and the State*; G. D. H. Cole and others, *British Trade Unionism Today*; United Kingdom, Ministry of Labour, *Industrial Relations Handbook* (1953 edn.); T.U.C. Report, *Structure and Closer Unity* (1947); Political and Economic Planning, *British Trade Unionism*; N. I. Barou, *British Trade Unions*; J. D. M. Bell, *Industrial Unionism: A Critical Analysis*; J. Goldstein, *The Government of British Trade Unions*; G. D. H. Cole, *Introduction to Trade Unionism*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; G. Cyriax and R. Oakeshott, *The Bargainers*; J. H. Richardson, *Introduction to Industrial Relations*; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; *Trade Unions in a Free Society*; B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives*.

**632(A). Trade Unions in Britain (Class).** A class will be arranged for members of the Trade Union Studies course. A small number of graduate students specialising in this field may be admitted strictly by permission of Professor Roberts.

**633. Trade Unionism in France.** Mr. Pickles. Six lectures, Summer Term.

For graduate students; and for students attending the Trade Union Studies course.

**Syllabus.**—Origins and special characteristics of French Trade Unionism. *Bourses du Travail* and C.G.T. Syndicalist trends and the drift from them. Schism, reunion and schism again. Organisation and problems.

**Recommended reading.**—E. Dolléans, *Histoire du Mouvement Ouvrier*; F. Pelloutier, *Histoire des Bourses du Travail*; R. Millet, *Léon Jouhaux et la C.G.T.*; J. Montreuil, *Histoire du Mouvement Ouvrier*; D. J. Saposs, *Labour in Post-War France*; H. W. Ehrmann, *French Labor: from Popular Front to Liberation*; G. Lefranc, *Les Expériences Syndicales en France de 1939 à 1950*; V. R. Lorwin, *The French Labour Movement*; J.-D. Reynaud, *Les Syndicats en France*.

Reference should also be made to the following section:—

**Diploma in Personnel Management.**

SOCIOLOGICAL STUDIES

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## ANTHROPOLOGY

**Note:** For the lecture courses which are relevant to examination papers see the regulations in Part II of the Calendar.

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### (i) General

#### 640. Introduction to Social Anthropology. Dr. Freedman. Twenty-five lectures, Sessional.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option A and Option B (First Year); B.Sc. (Econ.) Part I—Alternative subject 9, *Principles and Methods of Social Anthropology*; for students taking Social Anthropology as a subsidiary or ancillary subject to a first degree; Academic Postgraduate Diploma in Anthropology (First Year); Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course. First Year students for the Diploma in Social Administration may also attend.

**Syllabus.**—Scope and methods of social anthropology; theories of culture and society; analysis of social structure and organisation in primitive communities. Occupational and other associations; stratified groups; kinship organisation and terminology; types of family structure; lineage and clan. Marriage and other institutions associated with kinship. Economic organisation; land tenure and property rights. Political organisation. Law and custom. Moral rules; ritual and belief in relation to social structure.

**Recommended reading.**—BASIC: E. E. Evans-Pritchard et al., *The Institutions of Primitive Society*; R. Firth, *Human Types*; C. D. Forde, *Habitat, Economy, and Society*.

SUPPLEMENTARY: E. E. Evans-Pritchard, *Social Anthropology*; M. Ginsberg, *Sociology*; M. Gluckman, *Custom and Conflict in Africa*; R. Linton, *The Study of Man*; L. P. Mair, *Primitive Government*; B. Malinowski, *Crime and Custom in Savage Society*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; I. Schapera, *Government and Politics in Tribal Societies*; P. Bohannan, *Social Anthropology*; J. Beattie, *Other Cultures*.

#### 641. The Study of Kinship. Mr. Fox. Ten lectures, Michaelmas Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology.

**Syllabus.**—A systematic examination of some fundamental concepts in kinship theory. The bases of kinship: mating, gestation, socialization, filiation and control. Possibilities of grouping and categorization arising from these. Ecological and socio-psychological limits to these possibilities. Systems of descent, unilineal and cognatic; their relations to forms of marriage and to ego-centred systems.

**Recommended reading.**—I. Schapera (Ed.), *Studies in Kinship and Marriage*; G. C. Homans and D. M. Schneider, *Marriage, Authority and Final Causes*; H. C. White, *An*



*Anatomy of Kinship*; W. H. Goodenough, "A Problem in Malayo-Polynesian Social Organization" (*American Anthropologist*, Vol. 57, No. 1); A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; G. P. Murdock, *Social Structure*; C. Lévi-Strauss, *Les Structures Élémentaires de la Parenté*; C. Lévi-Strauss, *Anthropologie Structurale*; M. Fortes, "The Structure of Unilineal Descent Groups" (*American Anthropologist*, Vol. 55, No. 1); M. Fortes, "Descent, Filiation and Affinity" (*Man*, Vol. LIX, November and December 1959); G. P. Murdock (Ed.), *Social Structure in South-east Asia*; E. R. Leach, *Rethinking Anthropology*; R. Needham, *Structure and Sentiment*; D. M. Schneider and K. Gough (Eds.), *Matrilineal Kinship*.

Guidance on articles and ethnographic monographs will be given in the lectures.

**642. Government and Politics in Simple Societies.** Professor Schapera. Ten lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology.

**Syllabus.**—Definitions of "government", "politics", "political community". Minimal government; age-sets in government. Rulers and subjects: privileges and powers of rulers; sanctions for authority; ideals of good government; checks against misrule and abuse of power; popular participation in government.

**Recommended reading.**—INTRODUCTORY: M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; I. Schapera, *Government and Politics in Tribal Societies*; L. Mair *Primitive Government*.

SUPPLEMENTARY: E. E. Evans-Pritchard, *The Political System of the Anuak*; C. D. Forde, "Government in Umor" (*Africa*, 1939); F. Barth, *Political Leadership among Swat Pathans*; H. M. Gluckman, *Custom and Conflict in Africa*; Order and Rebellion in Tribal Africa; M. G. Smith, *Government in Zazzau*; S. F. Nadel, *A Black Byzantium*; D. Easton, "Political Anthropology" in B. J. Siegel (Ed.), *Biennial Review of Anthropology*, 1959.

**643. Social Control in Pre-literate Societies.** Professor Schapera. Eight lectures. (This course will not be given in the session 1964-65; it will be given in the session 1965-66.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary or as a two-year ancillary subject to a first degree.

**Syllabus.**—The nature and development of law. Social control in societies lacking courts: persuasive and coercive mechanisms (education, public opinion, taboo, religious sanctions, etc.). Arbitration as a judicial process. Composition and procedure of courts in pre-literate societies. Ordeals and oaths. Criminal and civil law. Responsibility and punishment. Comparison of primitive and civilised systems of law.

**Recommended reading.**—E. A. Hoebel, *The Law of Primitive Man*; R. M. MacIver and C. H. Page, *Society* (chaps. 7-9); P. G. Vinogradoff, *Commonsense in Law*; C. K. Allen, *Law in the Making* (6th edn.); R. M. Berndt, *Excess and Restraint*; P. Bohannan, *Justice and Judgment among the Tiv*; M. Gluckman, *The Judicial Process among the Barotse of Northern Rhodesia*; *Custom and Conflict in Africa*; H. I. Hogbin, *Law and Order in Polynesia*; K. Llewellyn and E. A. Hoebel, *The Cheyenne Way*; B. Malinowski, *Crime and Custom in Savage Society*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society* (chaps. 11-12); I. Schapera, *A Handbook of Tswana Law and Custom*; I. Schapera, "Malinowski's Theories of Law" in R. Firth (Ed.), *Man and Culture*.

**644. Outline of Economic Anthropology.** Professor Firth. Eight lectures. (This course will not be given in the session 1964-65; it will be given in the session 1965-66.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); for B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary subject or as a two-year ancillary subject to a first degree.

**Syllabus.**—The aim of these lectures is to give an analysis from the anthropological point of view of the main conceptual and empirical characteristics of non-monetary (primitive) and simple monetary (peasant) economic systems. Examples will be taken from African, Oriental and Oceanic communities. The reaction of these systems to Western and industrial influences will also be examined. Topics discussed will include: economic relations as part of a structure of social relations; management of resources; organisation and incentives in production; profit and loss by ceremonial procedures; individual and group rights in control and use of land; use of labour power; nature and control of non-monetary capital goods; social incentives and limits to capital accumulation; systems of credit; overt and covert interest; problems of indebtedness; determination of values in a non-monetary economy; barter and gift-exchange; "primitive currency"; traditional rules and economic principles in the allocation of distributive shares.

**Recommended reading.**—PRIMARY: D. M. Goodfellow, *Principles of Economic Sociology*; M. J. Herskovits, *Economic Anthropology*; R. C. Thurnwald, *Economics in Primitive Communities*; M. Mauss, *The Gift*; P. Einzig, *Primitive Money*; R. Firth, *Economics of the New Zealand Maori*; Sol Tax, *Penny Capitalism*; R. F. Salisbury, *From Stone to Steel*.

SECONDARY: M. Mead (Ed.), *Co-operation and Competition among Primitive Peoples*; B. Malinowski, *Argonauts of the Western Pacific*; *Coral Gardens and their Magic*; R. Firth, *Primitive Polynesian Economy*; *Malay Fishermen—their Peasant Economy*; R. Firth and B. S. Yamey, *Capital, Saving and Credit in Peasant Societies*; B. F. Hoselitz and R. D. Lambert, *The Role of Saving and Credit in Southern Asia and the West*; I. Schapera, *Native Land Tenure in the Bechuanaland Protectorate*; E. R. Leach, *Social and Economic Organization of the Rowanduz Kurds*; Rosemary Firth, *Housekeeping among Malay Peasants*; W. H. Beckett, *Akokoaso*; M. M. Green, *Land Tenure in an Ibo village*; H. N. C. Stevenson, *Economics of the Central Chin Tribes*; H. M. Gluckman, *Economy of the Central Barotse Plain*; G. Wilson, *Essay on the Economics of Detribalization in Northern Rhodesia*; C. D. Forde and R. C. Scott, *The Native Economies of Nigeria*; D. F. Thomson, *Economic Structure and the Ceremonial Exchange Cycle in Arnhem Land*; W. E. Armstrong, *Rossell Island*, Chaps. V-VIII; C. S. Belshaw, *In Search of Wealth*; M. Nash, *Machine Age Maya*; D. L. Oliver, "Land Tenure in Northeast Siuai, Southern Bougainville" (*Peabody Museum Papers*, XXIV, No. 4); K. Polanyi et al. *Trade and Market in the Early Empires*; L. Pospisil, *Kapauku Papuan Economy*.

Other references will be given during the course.

**645. Systems of Religion and Magic.** Dr. Freedman. Ten lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary or as a two-year ancillary subject to a first degree.

**Syllabus.**—Development of the anthropological study of religion and magic. Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults; spirit mediumship; totemism; ancestor worship. Religion and the structure of society. Religion and morals.

**Recommended reading.**—PRIMARY: E. Durkheim, *Elementary Forms of the Religious Life*; A. R. Radcliffe-Brown, *The Andaman Islanders*, Chap. V et seq.; *Structure and Function*

in *Primitive Society*, Chaps. VI, VII and VIII; R. Firth, *Elements of Social Organisation*, Chap. VII; E. E. Evans-Pritchard, *Witchcraft, Oracles and Magic among the Azande*; *Nuer Religion*; B. Malinowski, *Magic, Science and Religion*; R. F. Fortune, *Manus Religion*; C. D. Forde (Ed.), *Primitive Worlds*.

SECONDARY: E. B. Tylor, *Primitive Culture*; W. Robertson Smith, *Religion of the Semites*; J. G. Frazer, *The Golden Bough*; A. van Gennep, *Les Rites de Passage*; L. Lévy-Bruhl, *Primitive Mentality*; P. Radin, *Primitive Religion*; R. H. Lowie, *Primitive Religion*; W. W. Howells, *The Heathens*; W. J. Goode, *Religion among the Primitives*; E. O. James, *Social Function of Religion*; R. Firth, *The Fate of the Soul* (Frazer Lecture, 1955); S. F. Nadel, *Nupe Religion*; "Witchcraft in four African Societies" (*The American Anthropologist*, Vol. 54, No. 1); P. Mayer, *Witches* (Inaugural Lecture, Rhodes University, 1954); M. N. Srinivas, *Religion and Society among the Coorgs of South India*; M. Wilson, *Rituals of Kinship among the Nyakyusa*; A. I. Richards, *Chisungu*; P. Worsley, *The Trumpet Shall Sound*; E. R. Leach, *Political Systems of Highland Burma*, Chap. I; F. B. Steiner, *Taboo*; R. Firth, *Work of the Gods in Tikopia*; E. E. Evans-Pritchard, *Divine Kingship of the Shilluk of the Nilotic Sudan* (Frazer Lecture, 1948); M. Fortes, *Oedipus and Job*; J. Middleton, *Lugbara Religion*; C. Geertz, *Religion of Java*; R. G. Lienhardt, *Divinity and Experience, the Religion of the Dinka*; H. M. Gluckman, *Order and Rebellion in Tribal Africa*, chaps. 3 and 4; H. M. Gluckman (Ed.), *Essays on the Ritual of Social Relations*; C. Lévi-Strauss, *La Pensée Sauvage*; C. Lévi-Strauss, *Le Totémisme Aujourd'hui*; R. Firth, "The Sociology of Magic in Tikopia" (*Sociologus*, 1954); K. O. L. Burridge, *Mambu*.

**646. History of Social Anthropology.** Ten lectures, Michaelmas Term. (This course will not be given in the session 1964-65; it will be given in the session 1965-66).

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); for B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

**647. Current Trends in Social Anthropology.** Professor Firth. Ten lectures, Michaelmas Term.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); for B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

**Syllabus.**—A critical review of theories and methods, aims and achievements, in modern social anthropology.

**Recommended reading.**—P. Bohannan, *Social Anthropology*; E. E. Evans-Pritchard, *Essays in Social Anthropology*; R. Firth, *Essays on Social Organization and Values*; R. Firth (Ed.), *Man and Culture*; S. F. Nadel, *The Foundations of Social Anthropology*; *The Theory of Social Structure*; H. M. Gluckman, *Order and Rebellion in Tribal Africa*; E. R. Leach, *Rethinking Anthropology*; D. F. Pocock, *Social Anthropology*; J. Goody (Ed.), *The Developmental Cycle in Domestic Groups* (*Cambridge Papers in Social Anthropology*, No. 1); I. C. Jarvie, *The Revolution in Anthropology*; E. R. Leach, *Pul Eliya: A Village in Ceylon*; C. Lévi-Strauss, *Totemism Today*; *La Pensée Sauvage*; *Anthropologie Structurale*; L. P. Mair, *New Nations*; R. Needham, *Structure and Sentiment*; M. D. Sahlin, *Moala*; D. M. Schneider and K. Gough, *Matrilineal Kinship*.

Additional reading will be recommended during the course.

**648. Outline of Cultural Anthropology.** Six lectures. (This course will not be given in the session 1964-65; it will be given in the session 1965-66.)

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); for B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

## (ii) Regional

### 649. Social Systems in South East Asia.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area: South East Asia); for students taking Social Anthropology (South East Asia) as part of a subsidiary or two-year ancillary subject to a first degree.

(a) **With special reference to Malaysia.** Professor Firth and Dr. H. S. Morris. Sixteen lectures, Lent and Summer Terms.

**Syllabus.**—The social organisation of Malays and indigenous peoples of Borneo. Some reference will also be made to the peoples of Indonesia.

**Recommended reading.**—R. Firth, *Malay Fishermen*; Rosemary Firth, *Housekeeping among Malay Peasants*; P. E. de Josselin de Jong, *Minangkabau and Negri Sembilan*; J. M. Gullick, *Indigenous Political Systems of Western Malaya*; J. Djarnour, *Malay Kinship and Marriage in Singapore*; P. D. R. Williams-Hunt, *An Introduction to the Malayan Aborigines*; T. M. Fraser, *Rusembilan: A Malay Fishing Village in Southern Thailand*; H. S. Morris, *A Melanau Sago Producing Community*; W. R. Geddes, *The Land Dayaks of Sarawak*; J. D. Freeman, *Iban Agriculture*; *Report on the Iban of Sarawak*.

Further reading will be suggested during the course.

(b) **With special reference to China and the Overseas Chinese.** Dr. Freedman. Ten lectures. (This course will not be given in the session 1964-65; it will be given in the session 1965-66.)

**Syllabus.**—The social organisation of south-eastern China. The social organisation of Chinese in South-East Asia and their place in South-East Asian societies.

**Recommended reading.**—J.-K. T'ien, *The Chinese of Sarawak*; M. Freedman, *Lineage Organization in Southeastern China*; D. H. Kulp, *Country Life in South China*; M. Freedman, *Chinese Family and Marriage in Singapore*; G. W. Skinner, *Chinese Society in Thailand*; G. W. Skinner, *Leadership and Power in the Chinese Community of Thailand*; D. E. Willmott, *The Chinese of Semarang*; C. K. Yang, *A Chinese Village in Early Communist Transition*.

Further reading materials on Burma, Thailand and the Philippines will be suggested during the course.

### 650. Ethnography of East Africa.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area, Eastern Africa); students taking Social Anthropology (Eastern Africa) as part of a subsidiary or two-year ancillary subject to a first degree.

(a) **Non-Bantu Peoples.** Professor Mair. Ten lectures, Michaelmas Term.

**Syllabus.**—Discussion will be concentrated on the social and political organisation of the Nilotes and Nilo-Hamites of the Sudan, Kenya and Uganda, and the Lugbara.

**Recommended reading.**—P. H. Gulliver, *The Family Herds*; *Social Control in an African Society*; E. E. Evans-Pritchard, *The Nuer*; *Kinship and Marriage among the Nuer*; *Nuer Religion*; *The Divine Kingship of the Shilluk of the Nilotic Sudan*; R. G. Lienhardt,

*Divinity and Experience*; "The Western Dinka" in J. Middleton and D. Tait (Eds.), *Tribes Without Rulers*; J. C. Buxton, *Chiefs and Strangers*; J. Middleton, *Lugbara Religion*; L. P. Mair, *Primitive Government*.

(b) **Bantu Peoples.** (This course will not be given in the session 1964-65; it will be given in the session 1965-66.)

**651. Ethnography of South Africa.** Professor Schapera. Sixteen lectures, Lent and Summer Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area: Southern Africa); students taking Social Anthropology (Southern Africa) as part of a subsidiary or two-year ancillary subject to a first degree.

**Syllabus.**—The course will deal mainly with the traditional systems of social and political organisation among the Bushmen, Bergdama, Hottentots, and Bantu (Nguni, Tsonga, Venda and Sotho groups).

**Recommended reading.**—INTRODUCTORY: I. Schapera, *The Khoisan Peoples of South Africa*; *The Bantu-Speaking Tribes of South Africa*; *Government and Politics in Tribal Societies*.

SUPPLEMENTARY: E. H. Ashton, *The Basuto*; A. T. Bryant, *The Zulu People*; M. Hunter, *Reaction to Conquest*; H. A. Junod, *The Life of a South African Tribe*; E. J. Krige, *The Social System of the Zulus*; E. J. and J. D. Krige, *The Realm of a Rain Queen*; H. Kuper, *An African Aristocracy*; *The Swazi*; I. Schapera, *The Tswana*; H. A. Stayt, *The Bavenda*; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; W. D. Hammond-Tooke, *Bhaca Society*.

**652. Ethnography of Melanesia with special reference to New Guinea.** Mr. Forge. Sixteen lectures, Lent and Summer Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology (Melanesia) as part of a subsidiary or two-year ancillary subject to a first degree.

**Syllabus.**—The course will deal with the social structures and cultures of Melanesia as a whole; but discussion will concentrate on certain well-reported New Guinea societies.

**Recommended reading.**—F. M. Keesing, *Native Peoples of the Pacific World*; D. L. Oliver, *A Solomon Island Society*; M. Mead, *The Mountain Arapesh*; *Growing up in New Guinea*; R. F. Fortune, *Manus Religion*; *Sorcerers of Dobu*; C. G. Seligmann, *The Melanesians of British New Guinea*; H. I. P. Hogbin, *Transformation Scene*; *Kinship and Marriage in a New Guinea Village*; *Experiments in Civilisation*; B. Malinowski, *Argonauts of the Western Pacific*; *Coral Gardens and their Magic*, Vol. I; *The Sexual Life of Savages*; F. E. Williams, *Orokaiva Society*; *Drama of Orokololo*; C. S. Belshaw, *Changing Melanesia*; *The Great Village*; P. M. Worsley, *The Trumpet Shall Sound*; M. D. Sahlins, *Moala*; G. Landtman, *The Kiwai Papuans of British New Guinea*; G. J. Held, *The Papuas of Waropen*; L. Pospisil, *Kapauku Papuans and their Law*; *Kapauku Papuan Economy*; G. Bateson, *Naven*; K. O. L. Burridge, *Mambu*; P. Lawrence, *Land Tenure Among the Garia*; M. O. Reay, *The Kuma*; H. C. Brookfield and P. Brown, *The Struggle for Land*. Students should also consult *Oceania*.

**653. Ethnography of Polynesia.** This course will be given only by special arrangement.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—special

subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology; students taking Social Anthropology (Polynesia) as part of a subsidiary or two-year ancillary subject to a first degree.

**Syllabus.**—The course will deal primarily with the social structure and social organisation of Polynesian peoples, including changes due to their adaptation to Western civilisation.

**Recommended reading.**—F. M. Keesing, *South Seas in the Modern World*; *Modern Samoa*; H. I. Hogbin, *Law and Order in Polynesia*; M. Mead, *Coming of Age in Samoa*; *Social Organization of Manu'a*; E. W. Gifford, *Tongan Society*; E. Beaglehole, *Pangai, Village in Tonga*; E. and P. Beaglehole, *Ethnology of Pukapuka*; R. Firth, *We, The Tikopia*; *Primitive Polynesian Economy*; *Work of the Gods in Tikopia*; *Social Change in Tikopia*; *Economics of the New Zealand Maori*; H. B. Hawthorn, *The Maori: A Study in Acculturation*; M. D. Sahlins, *Social Stratification in Polynesia*.

Other reading will be given during the course.

**654. Social Anthropology (Classes).**

(a) Classes will be held throughout the session for students taking the B.A. Honours in Anthropology, the B.A./B.Sc. (Sociology), Option B and Option II, the B.Sc. (Econ.) Part I, alternative subject of Principles and Methods of Social Anthropology, the B.Sc. (Econ.) Part II, special subject Social Anthropology, and Academic Postgraduate Diploma in Anthropology.

(b) Regional classes may also be given, and special classes will be given for graduate students where required.

### (iii) Applied Anthropology

**655. Social Implications of Technological Change.** Dr. H. S. Morris. Ten lectures, Michaelmas Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—*Social Aspects of Political and Economic Development*, V 81; XII 2b, 4; for Oversea Service Officers; Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; and the Academic Postgraduate Diploma in Anthropology (Second Year).

**Syllabus.**—Changes in family life, government and law, land tenure and productive techniques, religion and magic under the influence of western technology.

**Recommended reading.**—P. Hill, *The Gold Coast Cocoa Farmer*; R. P. Dore, *City Life in Japan* (Section III), F. G. Bailey, *Caste and the Economic Frontier*; L. A. Fallers, *Bantu Bureaucracy*; I. Schapera, *Christianity and the Tswana*; T. L. Hodgkin, *Nationalism in Colonial Africa*.

Other reading will be suggested in the course of the lectures.

**656. Problems in Applied Anthropology.** Dr. Benedict. Ten lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option B (Second Year) and Option II (Third Year); B.Sc. (Econ.) Part II (Second and Third Years)—*Social Aspects of Political and Economic Development*, V 81, XII 2b, 4; Oversea Service Officers; Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; Academic Postgraduate Diploma in Anthropology (Second Year).

**Syllabus.**—The value of anthropology in relation to practical activities; politics and policy, communication, political structure, health and disease, mental health, family planning, education and economic problems, urbanisation.

**Recommended reading.**—L. P. Mair, *Studies in Applied Anthropology*; B. Paul and W. B. Miller (Eds.), *Health, Culture and Community*; E. H. Spicer (Ed.), *Human Problems in Technological Change*; M. K. Opler (Ed.), *Culture and Mental Health*; *The Health Education Journal*, Vol. XV, No. 2, May, 1957; P. Marris, *Family and Social Change in an African City*; B. Benedict, "Education Without Opportunity" (*Human Relations*, Vol. XI, No. 4, 1958). G. M. Foster, *Traditional Cultures and the Impact of Technological Change*; W. Elkan, *Migrants and Proletarians*; T. S. Epstein, *Economic Development and Social Change in South India*; R. Firth and B. S. Yamey (Eds.), *Capital, Saving and Credit in Peasant Societies*; T. Parsons, "The Professions and Social Structure" in *Essays in Sociological Theory, Pure and Applied* (1949 edn.); T. Parsons, "Illness and the Role of the Physician" in C. K. M. Kluckhohn, H. A. Murray and D. M. Schneider (Eds.), *Personality in Nature, Society and Culture*.

Other reading will be suggested in the course of the lectures.

**657. Introduction to Applied Anthropology.** Dr. Benedict and Mr. Forge. Twenty classes, Michaelmas and Lent Terms.

For Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

**Syllabus.**—This course is designed for students with little or no anthropological training. It emphasises the rudiments of social anthropology covering such topics as status and role, family and kinship, economic, political and religious systems.

**Recommended reading.**—Reading will be recommended during the course.

**658. Applied Anthropology and Social Development in Low-Income Countries.** Dr. Benedict and Mr. Forge. Twenty classes, Michaelmas and Lent Terms.

For Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course.

**Syllabus.**—This course deals with the social problems arising from technological change and development in such fields as public health, nutrition, agricultural extension, education, labour relations, community development, and social welfare.

**Recommended reading.**—Reading will be recommended during the course.

**659. Some Small-scale Societies in the British Isles.** Mr. Fox. Six lectures, Summer Term.

**Syllabus.**—An examination of the social structure of some isolated communities of western Ireland and Scotland with comparative material from Tristan da Cunha and other sources. Particular attention will be paid to the effects of migration on the traditional culture and society.

**Recommended reading.**—Reading will be recommended during the course.

**660. Psychological Anthropology.** Professor Wolf. Four lectures, Michaelmas Term.

**Syllabus.**—The methods and theories of psychological anthropology as contrasted with those of social anthropology. The two points of view will be compared in terms of characteristic interpretations of such phenomena as incest taboos and exogamy, magic and religion and social control.

**Recommended reading.**—D. C. McClelland, *The Achieving Society*; L. Festinger, *A Theory of Cognitive Dissonance*; S. Schachter, *The Psychology of Affiliation*; J. W. M. Whiting and I. L. Child, *Child Training and Personality*; A. F. C. Wallace, *Culture and Personality*.

Further reading will be suggested during the course.

**661. The Individual and the Family in Chinese Society.** Professor Wolf. Four lectures, Michaelmas Term.

**Syllabus.**—Variations in the form of the Chinese family. The family cycle. Interpersonal relations within the family. Methods of child rearing. Personality development as a function of family structure.

**Recommended reading.**—Y.-H. Lin, *The Golden Wing*; M. Freedman, *Chinese Family and Marriage in Singapore*; I. Pruitt, *A Daughter of Han*; H.-T. Fei, *Peasant Life in China*; A. H. Smith, *Chinese Characteristics*; *Village Life in China*.

Further reading will be suggested during the course.

FOR GRADUATE STUDENTS

**664. Seminar on Anthropological Theory.** A seminar on anthropological theory will be held by Professor Firth for senior graduate students throughout the session. Admission only by permission of Professor Firth.

**665. Seminar on Current Anthropological Themes.** A seminar will be held by Dr. H. S. Morris and Mr. Fox in the Michaelmas and Lent Terms.

**666. Seminar on Comparative Social Institutions (Western, Oriental and Primitive).** A seminar will be held throughout the session by Dr. Freedman, Professor MacRae and Professor Schapera for graduate students of Social Anthropology and Sociology.

**667. Seminar on Field Methods.** A seminar will be held by Mr. Forge in the Summer Term.

**668. Problems of Modern Africa (Seminar).** Professor Schapera and Professor Mair will hold a seminar for members of the staff and graduate students in the Michaelmas and Lent Terms.

**669. Seminar on the Anthropological Study of China.** A seminar will be held by Dr. Freedman and Professor Wolf in the Michaelmas Term.

**670. Structure of South-East Asian Society.** A seminar on the social problems of South-East Asia will be held by Professor Firth, Dr. Freedman and Dr. H. S. Morris in the Lent Term.

This seminar will be held in conjunction with a seminar on South-East Asia, in the Michaelmas and Summer Terms, at the School of Oriental and African Studies under the direction of Dr. Penrose.

The attention of students is also drawn to the fact that other regional courses are given on an inter-collegiate basis, e.g., Melanesia (University College), West Africa (University College), India (School of Oriental and African Studies).

## DEMOGRAPHY

### 680. Introduction to Demography. Mr. Carrier. Eighteen lectures and ten classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Demography II*, IX 6 and 7b (Second Year).

**Syllabus.**—Sources and reliability of population statistics. Development of censuses and vital statistics. The interpretation of population statistics. The analysis of mortality, nuptiality and fertility.

**Recommended reading.**—GENERAL: A. M. Carr-Saunders, *World Population*; F. Lorimer and F. Osborn, *Dynamics of Population*; M. A. A. Landry and others, *Traité de Démographie*; Royal Commission on Population, *Report* (Cmd. 7695); J. J. Spengler and O. D. Duncan (Eds.), *Population Theory and Policy: Selected Readings*; P.E.P., *World Population and Resources*.

METHODS: R. R. Kuczynski, *Measurement of Population Growth*; D. V. Glass, *Population Policies and Movements in Europe* (Appendix); H. M. Woods and W. T. Russell, *Introduction to Medical Statistics*; L. I. Dublin, A. J. Lotka and M. Spiegelman, *Length of Life*; A. B. Hill, *Principles of Medical Statistics*; M. Spiegelman, *Introduction to Demography*; U.K. Royal Commission on Population, *Selected Papers of the Statistics Committee*; J. J. Spengler and O. D. Duncan (Eds.), *Demographic Analysis: Selected Readings*; A. J. Jaffe, *Handbook of Statistical Methods for Demographers* (1951, U.S.A. Government Publications); G. W. Barclay, *Techniques of Population Analysis*.

SOURCES: The General Reports of the various Censuses of England and Wales; The Registrar-General, *Statistical Review of England and Wales*; J. Koren (Ed.), *History of Statistics*; H. L. Westergaard, *Contributions to the History of Statistics*; United Nations, *Demographic Yearbook*; United Kingdom, Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 2, *Census Reports of Great Britain, 1801-1931*; P. R. Cox, *Demography*.

References to articles and works of specialised interest will be given in the lectures.

### 681. Mathematics of Population Growth. Mr. Carrier. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Demography II*, IX 6 and 7b (Third Year). Also recommended for graduate students.

Students will be expected to have attended Course No. 680 (Introduction to Demography), and to possess some knowledge of the calculus.

**Syllabus.**—A study of certain aspects of stationary and stable populations with practical applications.

**Recommended reading.**—A. J. Lotka, *Analyse démographique*; E. C. Rhodes, "Population Mathematics" (*Journal of the Royal Statistical Society*, 1940); United Nations Bureau of Social Affairs Population Studies, No. 22, *Age and Sex Patterns of Mortality*; No. 25, *Methods of Population Projections by Sex and Age*; No. 26, *The Aging of Populations and its Economic and Social Implications*.

Detailed references will be given as the course proceeds.

### 682. Elements of Demographic Analysis. Mr. Hajnal. Twelve lectures and twelve classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Demography I*, VIII 8a (Second Year); B.A./B.Sc. (Sociology) Option A, 9 and 10e and Option B, 10b (Second Year).

**Syllabus.**—Sources and reliability of population statistics. The life table and its applications. Elements of standardisation. Cohort analysis. The study of mortality, nuptiality and fertility. The effect of vital rates on age structure and population growth.

**Recommended reading.**—GENERAL: A. M. Carr-Saunders, *World Population*; Royal Commission on Population, *Report* (Cmd. 7695); P.E.P., *World Population and Resources*.

METHODS AND SOURCES: G. W. Barclay, *Techniques of Population Analysis*; P. R. Cox, *Demography*; Appendix to P. H. Landis, *Population Problems* (2nd edn., prepared by P. K. Hatt); General Register Office, *Matters of Life and Death*; *Census of England and Wales, 1951, General Report*; *Statistical Review of England and Wales* (especially the Commentary volumes of recent years); United Nations, *Demographic Yearbook* (especially the introductory text of successive volumes).

Further references will be given in the lectures.

### 683. Population Trends and Policies. Professor Glass. Eight lectures, Michaelmas Term. Class work will also be required.

For B.Sc. (Econ.) Part II—*Demography I*, VIII 8a (Second Year); *Demography II*, IX 6 and 7b (Second Year); B.A./B.Sc. (Sociology) (Second Year) Option A, 9 and 10e and Option B, 10b. Also recommended for graduate students.

**Syllabus.**—The growth and distribution of world population since 1800. Historical trends and territorial differentials in mortality. The course and levels of fertility. International migration. The contemporary demographic situation. The development of the small family. Family size and socio-economic characteristics. Stages of demographic and industrial development. The demographic problems of under-developed territories. Population theory and policy.

**Recommended reading.**—(Additional to reading list for Course No. 682, Elements of Demographic Analysis.) United Nations (Population Division), *The Determinants and Consequences of Population Trends*; D. Kirk, *Europe's Population in the Inter-war Years*; J. J. Spengler, *France Faces Depopulation*; D. V. Glass, *Population Policies and Movements in Europe*; D. V. Glass and E. Grebenik, *The Trend and Pattern of Fertility in Great Britain: A Report on the Family Census of 1946*; W. Moore, *Economic Demography of Eastern and Southern Europe*; F. Lorimer, *The Population of the Soviet Union*; F. W. Notestein and others, *The Future Population of Europe and the Soviet Union*; K. Davis, *The Population of India and Pakistan*; A. J. Coale and E. M. Hoover, *Population Growth and Economic Development in Low-Income Countries*; W. S. Thompson, *Population and Peace in the Pacific*; C. and I. B. Taeuber, *The Changing Population of the United States*; W. D. Borrie, *Population Trends and Policies*; Milbank Memorial Fund, *Demographic Studies of Selected Areas of Rapid Growth*; R. Ishii, *Population Pressure and Economic Life in Japan*; I. B. Taeuber, *The Population of Japan*; Ta Chen, *Population in Modern China*; J. Isaac, *The Economics of Migration*; M. L. Hansen, *The Atlantic Migration*; M. R. Davie, *World Immigration*; W. D. Forsyth, *The Myth of Open Spaces*; G. Plant, *Overseas Settlement*; Milbank Memorial Fund, *Postwar Problems of Migration* A. Myrdal, *Nation and Family*; E. Lewis-Faning, *Family Limitation* (Royal Commission on Population Papers, Vol. I); P. K. Whelpton, C. V. Kiser and others, "Social and Psychological Factors Affecting Fertility" (*Milbank Memorial Fund Quarterly*, 1942 et seq.) (in progress); Milbank Memorial Fund, *Modernization Programs in Relation to Human Resources and Population Problems*; M. Reinhard, *Histoire de la Population Mondiale*; American Academy of Political and Social Science, *Annals*, Vol. 237, "World Population in Transition"; K. Smith, *The Malthusian Controversy*; D. V. Glass (Ed.), *Introduction to Malthus*.

### 684. Demography Class. Ten classes of two hours each will be held by Mr. Carrier in the Lent Term for students taking B.Sc. (Econ.) Part II—*Demography II*, IX 6 and 7b (Third Year). Other students will be admitted only by permission.

**685. Demography Revision Class.** Mr. Carrier. Five classes, Summer Term.

For B.Sc. (Econ.) Part II—*Demography II*, IX 6 and 7b (Third Year).

FOR GRADUATE STUDENTS

**686. Demography Seminar.** Arrangements will be announced later.

PSYCHOLOGY

**700. General Course in Psychology.** Mr. Hotopf. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—Alternative subject to *Psychology*; B.A./B.Sc. (Sociology), Option A, 5 and Option B, 10a (First Year).

**Syllabus.**—The aims, assumptions, and methodological preferences of experimental psychology, seen in the light of its history and position in society. The contrasting position of medical psychology and, in particular, psycho-analysis.

What experimental studies of learning and forgetting tell us about methods of study and propaganda. The contrasting approaches of field theorists and associationists as shown by studies of perception. Relevance of studies of perception and problem-solving to questions of scientific method and to problems of social communication.

The issue of human nature as posed by theories of instinct. Cultural and biological approaches to motivation compared. The relation of learning to instinct, and the importance of early experiences, as revealed by studies of animals.

The origins of psychoanalysis. Libido theory and the family. The infant's conception of the world; the relationship of this to adult personality and moral behaviour, according to Freudian theory.

**Recommended reading.**—One of the following five text books: D. Krech and R. S. Crutchfield, *Elements of Psychology*; N. L. Munn, *Psychology*; E. R. Hilgard, *Introduction to Psychology*; R. S. Woodworth and D. G. Marquis, *Psychology* (20th edn.); E. G. Boring and others, *Foundations of Psychology* (1948 edn.).

**OTHER READING.**—R. S. Woodworth, *Contemporary Schools of Psychology*; L. W. Crafts and others, *Recent Experiments in Psychology*; F. C. Bartlett, *Remembering*; R. Fletcher, *Instinct in Man*; C. A. Mace, *Psychology of Study*; S. Freud, *Introductory Lectures on Psychoanalysis*; K. Horney, *New Ways in Psychoanalysis*; S. S. Isaacs, *Social Development in Young Children*.

**701. The Assessment of Psychological Attributes.** Mr. Harper. Six lectures, Lent Term.

For B.Sc. (Econ.) Part I—Alternative subject to *Psychology*; B.A./B.Sc. (Sociology), Option A, 5 and Option B, 10a (First Year); Diploma in Personnel Management.

**Syllabus and reading list** to be announced at the beginning of the course.

**702. Theories of Personality. Personality Assessment.** Dr. Himmelweit. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II—Optional for *Psychology*, VIII 8b (Second Year); B.A./B.Sc. (Sociology), Option A, 5 and Option B, 10a (Second Year); Diploma in Personnel Management.

**Syllabus.**—Theories of personality.

The process of socialisation: growth and development of needs.

Modes of adjustment to the environment. Abnormal behaviour patterns: delinquent, neurotic, psychotic patterns of behaviour.

Methods of personality description and assessment.

**Recommended reading.**—A book list will be provided at the beginning of the course.

**703. Research Methods in Social Psychology.** Dr. Oppenheim.  
Six lectures, Summer Term.

For B.Sc.(Econ.) Part II—Optional for *Psychology*, VIII 8b (Second Year); B.A./B.Sc. (Sociology), Option A, 5 and Option B, 10a (Second Year); Academic Diploma in Psychology; Diploma in Personnel Management.

**Syllabus.**—Some general problems involved in the use of measuring instruments in social research. Theoretical assumptions behind the measurement of opinions and attitudes—techniques for the construction of attitude scales—indirect methods for measuring attitudes. Problems of interviewing; the use of projective techniques in social research; observational and sociometric techniques in the study of small groups; experimental studies of groups; prediction studies; deviant case analysis.

**Recommended reading.**—C. Sellitz and others, *Research Methods in Social Relations*; L. Festinger and D. Katz, *Research Methods in the Behavioral Sciences*; H. H. Hyman, *Survey Design and Analysis*; H. H. Hyman and others, *Interviewing in Social Research*; G. Lindzey, *Handbook of Social Psychology* (selected chaps.); S. le Baron Payne, *The Art of Asking Questions*; C. A. Moser, *Survey Methods in Social Investigation*; H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child*.

**704. General Course in Social Psychology.** Dr. Himmelweit, Dr. Oppenheim and Mr. Holmes. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Psychology*, VIII 8b (Third Year); for B.A./B.Sc. (Sociology), Option I and option 9a for Option II (Third Year); for the Diploma in Personnel Management; and the Academic Diploma in Psychology.

**Syllabus.**—The place of social psychology in the social sciences; theories and concepts in social psychology. Social motivation; social determinants of perception; perception of people.

The process of judgment formation.

Socialisation: theories of social learning and reference group behaviour. Interpersonal relations in the family, peer group, in school and at work. The psychology of social class membership. The concepts of role and status.

Formation of attitudes and values: stereotypes; prejudice; the development of a self concept. Political attitudes.

Factors involved in attitude change: laboratory and field studies. The role of education, propaganda, the mass media. Advertising research.

The individual and the group; multiple group membership. The functioning of groups: experimental and field studies. Situational and personality dimensions of formal and informal leadership.

Selected topics in social psychology: communication research; national character; leadership, industrial relations.

**Recommended reading.**—GENERAL TEXT-BOOKS: T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (three editions); T. M. Newcomb, *Social Psychology*; G. Lindzey, *Handbook of Social Psychology* (selected chapters); S. E. Asch, *Social Psychology*; D. Krech and R. S. Crutchfield, *The Individual and Society*; D. Harding, *Social Psychology and Individual Values*; M. and C. Sherif, *An Outline of Social Psychology* (revised edn.).

OTHER BOOKS: E. Tolman, *Behaviour and Psychological Man*; M. Ginsberg, *Social Psychology*; R. Taguiri and L. Petrullo, *Person Perception and Interpersonal Behaviour*; S. Freud, *Civilisation and its discontents*; *Group Psychology and the Analysis of the Ego*; R. K. Merton and P. F. Lazarsfeld, *Continuities in Social Research*; R. J. Havighurst and A. Davis, *Father of the Man*; D. R. Miller and G. Swanson, *The Changing American Parent*; T. W. Adorno, E. Frenkel-Brunswik and others, *The Authoritarian Personality*; G. W. Allport, *The Nature of Prejudice*; W. Brewster Smith, J. Bruner and R. White, *Opinions and Personality*; C. I. Hovland and others, *Communication and Persuasion*; D. Cartwright and A. Zander (Eds.), *Group dynamics: Research and Theory*; H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child*; R. Centers, *The Psychology of Social Classes*; W. Schramm, *The Process*

and *Effects of Mass Communication*; J. W. Atkinson (Ed.), *Motives in Fantasy, Action and Society*; D. V. Glass (Ed.), *Social Mobility in Britain*; J. E. Floud, A. H. Halsey and F. M. Martin, *Social Class and Educational Opportunity*.

**705. Industrial Psychology.** Mr. Holmes. Ten lectures and classes, Lent Term.

For Diploma in Operational Research.

**Syllabus.**—Individual maturation and adjustment. Factors leading to the formation of industrial groups. Morale and its breakdown: co-operative and competitive situations, resistance to change.

The nature of incentives; supervisory and other leadership. Personnel counselling and attitude measurement. Supervisory training.

**Recommended reading.**—M. S. Viteles, *Motivation and Morale in Industry*; N. R. F. Maier, *Psychology in Industry*; H. Croome, *Human Problems of Innovation*; J. Woodward, *Management and Technology*.

Further reading will be recommended during the course.

**706. Psychology Classes.** Classes will be arranged for B.Sc. (Econ.) Part I students offering Psychology as an alternative subject.

**707. Psychology Classes.** Fortnightly classes will be held throughout the session for B.Sc. (Econ.) Part II—*Psychology*, VIII 8b (second year) and B.A./B.Sc. (Sociology) first-year students.

**708. Social Psychology Classes.** Fortnightly classes will be held in the Lent Term for B.A./B.Sc. (Sociology) second-year students.

**709. Social Psychology Classes.** Classes will be arranged for B.Sc. (Econ.) Part II—*Psychology*, VIII 8b and for B.A./B.Sc. (Sociology) third-year students.

FOR GRADUATE STUDENTS

**710. Psychology Seminar.** Dr. Himmelweit. A fortnightly seminar will be held throughout the session.

**711. Theories and Methods Seminar in Social Psychology.** Dr. Oppenheim. The seminar will be held weekly throughout the session and will deal mainly with problems of research methods and principles of theory formulation.

**712. Communication and the Process of Attitude Change.** Dr. Himmelweit. A weekly seminar will be held in the Lent Term.

**Syllabus.**—The process of attitude formation. Factors making for stability of attitudes and those making for attitude change.

Communication theories and their application to social psychological problems.

Decision conflict. Theory of cognitive dissonance.

The assessment of the content and of the effects of a communication: laboratory and field studies.

Attitude change problems in the field of politics, education, industry and social welfare. Propaganda and advertising.

The influence of the mass media: radio, press, cinema and television.

**Recommended reading.**—A book list will be given at the beginning of the course.

**713. Language and Communication.** Mr. Hotopf. Ten lectures, Michaelmas Term.

For graduate students. Open to undergraduates who are interested in this subject.

**Syllabus.**—Relevance of language to social science studies. Contributions of different disciplines to our knowledge of language. Psychological theories of language-production and reception. Perception and comprehension. Attempts at measuring meaning: comprehension tests, content analysis. The problem of ambiguity in question-wording and scientific communication. Theories and experiments concerning the influence of language on thought.

**Recommended reading.**—(i) GENERAL: E. Sapir, *Language*; J. B. Carroll, *The Study of Language*; S. E. Asch, *Social Psychology*; P. Henle (Ed.), *Language, Thought and Culture*; S. L. B. Payne, *The Art of Asking Questions*; R. W. Brown, *Words and Things*.

(ii) Specific references will be given at the beginning of the course.

**714. Language and Society (Seminar).** A seminar will be held by Mr. Hotopf and Dr. Freedman in the Summer Term.

**715. Research Problems Seminar.** Members of the department. A weekly seminar will be held throughout the session.

## SOCIAL SCIENCE AND ADMINISTRATION

**720. Introduction to Social Policy.** Professor Titmuss. Two lectures, Michaelmas Term, ten lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year)—Option A, 9 and 10b; for Diploma in Social Administration (First Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

**Syllabus.**—Concepts of social need and social service. The growth and division of collective action from the poor law to "The Welfare State". The causes of need and its changing nature in relation to the family. The effects of industrialisation, the division of labour and technological change. Philosophic and economic views on social policy. Social philanthropy, mutual aid and public responsibility.

The social functions of the social services. An analysis of developments in the main branches of the services since the end of the 19th century. The problems of poverty, sickness and old age; the break-up of the poor law. The influence of war, the emancipation of women and other factors on social attitudes to reform. The development of law as an instrument of social policy. The evolution of aims and principles in relation to the growth of social welfare, fiscal welfare and occupational welfare. Problems of redistributive justice and ethical issues in social policy.

**Recommended reading.**—M. P. Hall, *The Social Services of Modern England*; K. de Schweinitz, *England's Road to Social Security*; T. S. Simey, *Principles of Social Administration*; R. M. Titmuss, *Problems of Social Policy*; *Essays on "The Welfare State"*; G. and M. Wilson, *The Analysis of Social Change*; L. T. Hobhouse, *Social Development*; E. Durkheim, *The Division of Labour in Society*; B. Webb, *My Apprenticeship*; *Diaries*; W. G. Friedmann, *Law and Social Change in Contemporary Britain*; D. V. Glass (Ed.), *Introduction to Malthus*; B. de Jouvenel, *The Ethics of Redistribution*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; E. W. Bakke, *Citizens without Work*; G. A. N. Lowndes, *The Silent Social Revolution*; S. and B. Webb, *English Poor Law Policy*; *Social Insurance and Allied Services* (Beveridge Report) (Cmd. 6404, B.P.P., 1942-43, Vol. II); A. M. Carr-Saunders, D. Caradog Jones and C. A. Moser, *A Survey of Social Conditions in England and Wales*; K. Jones, *Mental Health and Social Policy, 1845-1959*; R. Lambert, *Sir John Simon and English Social Administration*.

**721. Health and Social Medicine.**

For Diploma in Social Administration (Second Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course.

**(a) Sociology of Medical Care.** Professor Titmuss. Five lectures, Lent Term.

**Syllabus.**—The meaning of health and disease. The concept of prevention. The relationship between developments in medical care and trends in national health. The evolution of ideas in systems of medical care. The rôle of the doctor in society. The doctor-patient relationship. The influence of culture. The impact of science on medicine. Specialisation and the division of labour in the organisation of medical care. Economic aspects of medical care.

**Recommended reading.**—H. E. Sigerist, *Civilisation and Disease*; G. Newman, *The Building of a Nation's Health*; R. M. Titmuss, *Birth, Poverty and Wealth*; E. Simon, *English Sanitary Institutions*; *Annual Reports* of the Ministry of Health; *A National Health Service* (B.P.P. 1943-44, Vol. VIII, Cmd. 6502); Lyle Saunders, *Cultural Difference and Medical Care*; H. Eckstein, *The English Health Service*; J. M. Mackintosh, *Trends of Opinion*



about the Public Health, 1901-51; B. Abel-Smith and R. M. Titmuss, *The Cost of the National Health Service; Report of the Committee of Enquiry into the Cost of the National Health Service (Guillebaud Report)*, Cmd. 9663; E. Gartly Jaco, *Patients, Physicians and Illness*; A. Lindsey, *Socialized Medicine in England and Wales: The National Health Service 1948-61*; R. M. Titmuss and others, *The Health Services of Tanganyika: a Report to the Government*.

**(b) Aspects of Health and Disease.** Dr. Holland. Five lectures, Lent Term.

**Syllabus.**—Measurement of health. Changes in mortality and morbidity in the past century. Differences between problems of disease in different areas. The causes and prevention of acute disease in developing countries. The impact of disease on society in both Western and developing countries. The example of tuberculosis. Differences in pattern of disease and its control in Western countries. The attitude of different societies to disease prevention.

**Recommended reading.**—Director-General, World Health Organisation, *Annual Reports*; L. J. Witts, *Medical Surveys and Clinical Trials*; M. W. Susser and W. Watson, *Sociology in Medicine*; J. Pemberton, *Epidemiology*; R. Sand, *The Advance to Social Medicine*; J. N. Morris, *Uses of Epidemiology*.

**722. Development of Social Administration.** Mrs. Cockburn. Eight lectures, Michaelmas Term (beginning in the third week).

For B.A./B.Sc. (Sociology) (Second Year)—Option A; 9 and 10b; for Diploma in Social Administration (First Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

**Syllabus.**—A discussion of the principles, functions and methods of administration of the social services. The course will include a brief account of the growth of the social services, statutory and voluntary, from 1900 but the emphasis will be mainly on developments since 1945 and on current issues.

**Recommended reading.**—D. V. Donnison, *The Development of Social Administration* (Inaugural lecture); M. Bruce, *The Coming of the Welfare State*; A. F. Young and E. T. Ashton, *British Social Work in the Nineteenth Century*; S. and B. Webb, *English Poor Law History*, Part II; B. S. Rowntree, *Poverty: A Study of Town Life*; Royal Commission on the Poor Laws and Relief of Distress, *Majority and Minority Reports*; B. Abel-Smith, *A History of the Nursing Profession*; A. Tropp, *The School Teachers*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; C. L. Mowat, *Britain Between the Wars, 1918-1940*; K. de Schweinitz, *England's Road to Social Security*; H. C. Barnard, *A Short History of English Education from 1760 to 1944*; C. F. Brockington, *A Short History of Public Health*; M. E. A. Bowley, *Housing and the State, 1919-1944*; J. Heywood, *Children in Care*; K. Jones, *Mental Health and Social Policy, 1845-1959*.

R. M. Titmuss, *Problems of Social Policy; Essays on "The Welfare State"*; T. S. Simey, *Principles of Social Administration*; M. P. Hall, *The Social Services of Modern England*; W. A. Robson (Ed.), *Social Security; Social Insurance and Allied Services* (Beveridge Report) Cmd. 6404 (B.P.P., 1942-43, Vol. VI); D. C. Marsh, *National Insurance and Assistance in Great Britain*; J. S. Ross, *The National Health Service in Great Britain*; H. H. Eckstein, *The English Health Service*; D. V. Donnison, *Housing Policy Since the War* (Occasional Papers on Social Administration, No. 1); J. B. Cullingworth, *Housing Needs and Planning Policy*; H. C. Dent, *The Educational System of England and Wales*; P. Townsend, *The Family Life of Old People; The Last Refuge*; B. E. Shenfield, *Social Policies for Old Age*; K. M. Slack, *Councils, Committees and Concern for the Old* (Occasional Papers on Social Administration, No. 2); W. H. Beveridge, *Voluntary Action*; M. Rooff, *Voluntary Societies and Social Policy*; B. N. Rodgers and J. Dixon, *Portrait of Social Work*.

**723. Aspects of Social Policy.** Members of the Department. Eighteen lectures, Lent and Summer Terms.

For Diploma in Social Administration (Second Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (Second Year).

**(a) Old Age.** Miss Slack. Two lectures.

**Syllabus.**—Personal problems and needs of the old. Services for the care and welfare of the ageing and infirm. The family and its older members.

**Recommended reading.**—B. E. Shenfield, *Social Policies for Old Age*; P. Townsend, *The Last Refuge; The Family Life of Old People*; Nuffield Foundation, *Old People; The Social Medicine of Old Age*; K. M. Slack, *Councils, Committees and Concern for the Old* (Occasional Papers on Social Administration, No. 2).

**(b) Local Health and Welfare Services.** Mr. Davies. Two lectures.

**Syllabus.**—The services and their recipients and the organizations and workers providing them. Estimating "needs". The area distribution of "needs" and standards of provision. Role of the Ministry of Health.

**Recommended reading.**—P. Townsend, *The Last Refuge*; C. Woodroffe and P. Townsend, *Nursing Homes in England and Wales*; B. E. Shenfield, *Social Policies for Old Age*; S. K. Ruck, *Local Government and the Welfare Services*; U.K. Ministry of Health, *Health and Welfare: the Development of Community Care* (Cmd. 1973, 1963); U.K. Ministry of Health, *Report of the Working Party on Social Workers in the Local Authority Health and Welfare Services* (1959) (Younghusband Report); U.K. Ministry of Health, *Report of the Working Party on the Field of Work, Training and Recruitment of Health Visitors* (1956); U.K. Ministry of Health, *Report of the Advisory Committee on the Training of District Nurses* (1959); K. Slack, *Councils, Committees and Concern for the Old* (Occasional Papers on Social Administration No. 2); S. K. Ruck, "A Policy for Old Age" (*Political Quarterly*, 1960); B. P. Davies, "Measuring Variations in the Need of Local Authorities for Services for the Aged" (*Sociological Review*, March, 1964).

**(c) Child Care.** Miss Bell. Two lectures.

**Syllabus.**—A general review of developments in the child care service since 1948 and some discussion of current problems.

**Recommended reading.**—Suggestions for reading will be given at the lectures.

**(d) Mental Health.** Miss Parsloe. Two lectures.

**Syllabus.**—A consideration of the social services concerned with mental health. Trends in relation to hospital and community care of the mentally ill and the subnormal. The child guidance service.

**Recommended reading.**—*Report of the Royal Commission on the Law Relating to Mental Illness and Mental Deficiency* (Cmd. 169, 1957); *Report of the Committee on Mal-adjusted Children* (Underwood Report), 1955; A. M. and A. D. B. Clarke, *Mental Deficiency*; K. Jones, *Mental Health and Social Policy, 1845-1959*.

**(e) Housing.** Mr. Greve. Two lectures.

**Syllabus.**—The lectures will discuss current issues in housing policy.

**Recommended reading.**—M. J. Elsas, *Housing Before the War and After* (2nd edn.); M. E. A. Bowley, *Housing and the State*; H. Ashworth, *Housing in Great Britain; Houses—The Next Step* (H.M.S.O., Cmd. 8996, 1953); J. B. Cullingworth, *Housing Needs and Planning Policy*; D. V. Donnison, *Housing Policy since the War*; D. Donnison, C. Cockburn and T. Corlett, *Housing Since the Rent Act*; J. Greve, *The Housing Problem*; U.K. Ministry of Housing and Local Government, *Homes for Today and Tomorrow* (1961).

Other suggestions for reading will be made by the lecturer.

**(f) Aspects of the Penal System.** Mr. Downes. Two lectures.

**Syllabus.**—Current problems in the administration of justice, and in penal treatment in institutions and the community will be considered with special reference to recent government publications.

**Recommended reading.**—J. F. S. King (Ed.), *The Probation Service*; W. A. Elkin, *The English Penal System*; H. Jones, *Crime and the Penal System*; United Nations, *Probation*

and Related Measures; R. Hood, *Sentencing in Magistrates' Courts*; T. P. and P. J. Morris, *Pentonville*.

GOVERNMENT PUBLICATIONS: Home Office, *Prisons and Borstals (England and Wales)*, 1957; *After-care and Supervision of Discharged Prisoners*, 1958; *Treatment of Young Offenders*, 1959; *Penal Practice in a Changing Society*, 1959; *Disturbances at the Carlton Approved School* (Cmnd. 937); *Report of the Committee on Children and Young Persons* (Cmnd. 1191); *Report of the Interdepartmental Committee on the Business of the Criminal Courts* (Cmnd. 1289); *Report of the Departmental Committee on the Probation Service* (Cmnd. 1650); *The Organisation of After-Care* (1963); *Report on the Work of the Children's Department, 1961-63* (1964).

(g) **Some Social Problems of Employment.** Miss Seear. Two lectures.

**Syllabus.**—Social and industrial provision for the employment, training and education of young workers. The work of the Youth Employment Service. Apprenticeship and other training schemes. State and voluntary provision for further education including the County Colleges. The employment of women and the special social and industrial problems connected with the employment of married women with domestic responsibilities.

**Recommended reading.**—A bibliography will be recommended during the course of the lectures.

(h) **Current Research.** Four lectures. Members of the Department.

**724. An Introduction to the Financial Problems of the Social Services.** Dr. Abel-Smith. Eight lectures, Lent Term.

For Diploma in Social Administration (Second Year) and One-Year Course.

**Syllabus.**—The tax system and its social implications, the rationale of the National Insurance Fund, historical trends in the costs of social services, the effects of population change, the use made of social services by different income groups, and the problems of allocating money to different social services.

**Recommended reading.**—A bibliography will be recommended during the course of the lectures.

**725. Development and Social Administration.** Mr. Hodge. Eight lectures, Michaelmas Term.

For the Diploma in Social Administration (Overseas Option) (First Year) and One-year Course, and for Overseas Service Officers.

**Syllabus.**—The administrative framework and the development of social services in low-income countries. Education, the first social service; sanitation and health; labour policy in developing countries; housing; social welfare; mutual-aid and co-operation; voluntary action.

**Recommended reading.**—R. K. Gardiner and H. O. Judd, *The Development of Social Administration* (2nd edn.); T. L. Hodgkin, *Nationalism in Colonial Africa*; M. Zinkin, *Development for Free Asia*; G. Hunter, *The New Societies of Tropical Africa*; L. J. Lewis, *Phelps-Stokes Reports on Education in Africa*; A. Curle, *Educational Strategy for Developing Societies*; V. L. Griffiths, *Educational Planning*; M. Colbourne, *Planning for Health*; J. A. Ponsioen (Ed.), *Social Welfare Policy, Contributions to Theory*; J. A. Ponsioen (Ed.), *Social Welfare Policy, Contributions to Methodology*; United Nations Department of Social Affairs, *Preliminary Report on the World Social Situation* (1952); United Nations Bureau of Social Affairs, *Report on the World Social Situation* (1957); United Nations Department of Economic and Social Affairs, *Report on the World Social Situation* (1961); United Nations Department of Economic and Social Affairs (ST/TAO/M/19), *Decentralization for National and Local Development* (1963).

**726. Community Development.** Mr. Hodge. Ten lectures, Lent Term.

For the Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; Overseas Service Officers.

**Syllabus.**—Community Development as a world movement: the authority for Community Development—central or local government, voluntary agencies, political movements. Projects and programmes, extension services, training personnel. Policy and practice in Ghana and India.

**Recommended reading.**—United Nations (ST/TAO/M/14), *Public Administration Aspects of Community Development Programmes* (1959); United Nations Bureau of Social Affairs, *Social Progress through Community Development* (1955); T. R. Batten, *Communities and their Development*; Central Office of Information, *Community Development: The British Contribution*; P. du Sautoy, *Community Development in Ghana*; S. C. Dube, *India's Changing Villages*; B. Mukerji, *Community Development in India*; United Nations Department of Economic and Social Affairs (ST/EOA/43), *Community Development in Urban Areas* (1961); F. C. Swezey and J. J. Honigsmann, "American Origins of Community Development" (*International Review of Community Development*, No. 10, 1962); W. H. and C. V. Wiser, *Behind Mud Walls, 1930-1960*; C. King, *Working with People in Small Communities*; T. R. Batten, *Training for Community Development*; P. Marris, *Family and Social Change in an African City*; J. Spencer, J. Tuxford and N. Dennis, *Stress and Release in an Urban Estate*.

**727. Community Organisation.** Mr. Hodge. Ten lectures, Lent Term.

For the Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course.

**Syllabus.**—Community Organisation process in social work. Settlements, community centres and neighbourhood work in urban areas; councils of social service and co-ordinating agencies. The "setting" of Community Organisation; urban renewal and new towns.

**Recommended reading.**—M. G. Ross, *Community Organization: Theory and Principles*; National Council of Social Service, *Community Organisation: an Introduction*; R. T. Clarke (Ed.), *Working with Communities*; P. H. K. Kuenstler (Ed.), *Community Organization in Great Britain*; J. H. Nicholson, *New Communities in Britain*; R. C. Wilson, *Difficult Housing Estates*; B. Helm, *Social Work in a South African City*.

**728. Development and Social Administration (Seminar).** Mr. Hodge and others will hold a seminar throughout the session for students taking the Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course, and for Overseas Service Officers.

**729. Introduction to Social Work.**

For Diploma in Social Administration and Diploma in Social Administration (Overseas Option).

(a) **Community and Group Work.** Five lectures in the Lent Term (First Year and One Year).

(b) **Case Work.** Miss Butrym. Five lectures in the Lent Term (One Year) and Summer Term (First Year).

**730. Aspects of Social Work.** Various lecturers. Ten lectures, Lent Term.

For Diploma in Social Administration (First Year) and One-Year Course and Diploma in Social Administration (Overseas Option) (First Year) and One-Year course.

**Syllabus.**—Ten lectures by practical experts on the rôle of the social worker in certain selected types of social service.

**731. Child Development.** Miss Elkan. Ten lectures, Michaelmas Term.

For Diploma in Social Administration (First Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

**Syllabus.**—Inter-relation of the biological, emotional, social and intellectual aspects of normal development. The role of environment. Methods of studying the psychology of children. Descriptive pictures of typical growth processes and modes of behaviour in infancy, early childhood, latency and adolescence. Discussion of common difficulties. Dependency and maternal care in infancy and early childhood. Physical and emotional growth and its relation to bodily skills, play, intellectual processes, language development and social relationships. Learning and group life in the middle years of childhood. Interaction of home and school. Characteristics of adolescence. The move towards independence via maturity of thought and reasoning, the emergence of stable interests and group loyalties. Emotional intensity and friendships in adolescence. The concept of emotional balance and independence.

**Recommended reading.**—M. Middlemore, *The Nursing Couple*; M. A. Ribble, *The Rights of Infants*; S. S. Isaacs, *Intellectual Growth in Young Children*; *Social Development in Young Children*; D. E. M. Gardner, *The Children's Play Centre*; *The Education of Young Children*; S. S. Isaacs, *Psychological Aspects of Child Development*; *The Nursery Years*; *The Children We Teach*; A. L. Gesell and others, *The First Five Years of Life*; L. M. Ruben, *Parent Guidance in the Nursery School*; I. M. Josselyn, *Psychosocial Development of Children*; S. H. Fraiberg, *The Magic Years*; A. P. Jephcott, *Girls Growing Up*; A. L. Gesell and others, *The Child from Five to Ten*; W. D. Wall, *Mental Health and Education*; D. W. Winnicott, *The Child and the Family*; D. W. Winnicott, *The Child and the Outside World*; R. J. Havighurst, *Human Development and Education*; A. L. Gesell and others, *Youth: the Years from Ten to Sixteen*; I. M. Josselyn, *The Adolescent and his World*; P. Blos, *On Adolescence*; S. S. Isaacs, *Childhood and after*.

**Note:** Further lectures on Psychology will be arranged for students taking the Diploma in Social Administration.

**732. Introduction to British Government.** Mr. Sharpe. Ten lectures, Michaelmas Term.

For Diploma in Social Administration (First Year and One Year).  
A syllabus and reading list will be given out at the beginning of the course.

**733. Seminar on Social Administration.** A seminar on social policy and administration will be held by Professor Titmuss during the Michaelmas and Lent Terms. Applications for admission should be submitted to Mrs. Cockburn.

Reference should also be made to the following sections:—

**Economics.**

**History.**

**Politics and Public Administration.**

**Anthropology.**

**Psychology.**

**Sociology.**

**Statistics.**

**Diploma in Personnel Management**

**750. Principles and Practice of Personnel Management.** A series of lectures and classes will be held by Miss Seear, Mr. Thurley and others throughout the session.

For the Diploma in Personnel Management.

**Syllabus.**—These lectures trace the development of personnel management and examine the place of the personnel specialist in industrial and commercial organisations. The main aspects of personnel policy are discussed and the developing practices of different organisations are studied. The topics include: Recruitment and selection. Training and Education. Promotion. The working environment and relationships within the organisation. Incentives and the principles and methods of remuneration. Problems of communication and consultation.

**Recommended reading.**—A bibliography will be recommended during the course of the lectures.

**751. Industrial Psychology.** Mr. Holmes. Twenty-five lectures, Sessional.

For the Diploma in Personnel Management.

**Syllabus.**—Measurement in Industry: the structure of human abilities, job analysis, selection and training techniques. Job evaluation. Attitude measurement.

Individual maturation and adjustment. Factors leading to the formation of industrial groups. Morale and its breakdown: co-operative and competitive situations, resistance to change.

The nature of incentives; supervisory and other leadership. Personnel counselling. Supervisory training.

**Recommended reading.**—N. R. F. Maier, *Psychology in Industry*; M. S. Viteles, *Motivation and Morale in Industry*; P. E. Vernon and J. B. Parry, *Personnel Selection in the British Forces*; J. Piaget, *The Moral Judgment of the Child*; J. A. C. Brown, *The Social Psychology of Industry*; W. Brown, *Exploration in Management*; H. Croome, *Human Problems of Innovation*; H. J. Eysenck, *Uses and Abuses of Psychology*; J. Woodward, *Management and Technology*; L. R. Sayles, *The Behaviour of Industrial Work Groups*; W. F. Whyte and others, *Money and Motivation*; A. Zaleznik and others, *The Motivation, Productivity and Satisfaction of Workers*.

**752. Industrial Psychology (Class).** Classes for students attending course No. 751 will be held weekly by Mr. Holmes.

**753. The Social Organisation of Industry.** Mr. Thurley. Ten lectures, Michaelmas Term.

For the Diploma in Personnel Management; for B.A./B.Sc. (Sociology) Option I (Third Year).

**Syllabus.**—This course examines the sociological analysis of industrial organisation and industrial relations. The following subjects are dealt with: industrialisation in social theory; the social significance of the division of labour; management and the nature of authority in modern industry; power relations and sources of industrial conflict; studies of the working group.

**Recommended reading.**—E. Durkheim, *The Division of Labour in Society*; H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; R. A. Brady, *Business as a System of Power*; E. G. Mayo, *The Social Problems of an Industrial Civilisation*; E. Jaques, *The Changing Culture of a Factory*; W. E. Moore, *Industrial Relations and the Social Order*; A. W. Kornhauser and others (Eds.), *Industrial Conflict*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations*

in Great Britain; V. L. Allen, *Power in Trade Unions*; B. Wootton, *The Social Foundations of Wage Policy*; G. C. Homans, *The Human Group*; G. Friedmann, *Industrial Society*; W. H. Scott and others, *Technical Change and Industrial Relations*; R. Bendix, *Work and Authority in Industry*; W. H. Whyte, *The Organisation Man*; H. A. Landsberger, *Hawthorne Revisited*; T. Burns and G. M. Stalker, *The Management of Innovation*; J. H. Smith, *The University Teaching of Social Sciences—Industrial Sociology*; C. R. Walker (Ed.), *Modern Technology and Organisation*; V. A. Thompson, *Modern Organisation*; B. F. Hoselitz and W. E. Moore (Eds.), *Industrialisation and Society* (UNESCO, 1963).

**754. Recent Research in Industrial Sociology.** Mr. Thurley. Six lectures, Summer Term. (This course will not be given in the Session 1964-65.)

For the Diploma in Personnel Management.

**Syllabus.**—A discussion of some recent studies in the field of industrial sociology following the lines of investigation already examined in Course No. 753.

**Recommended reading.**—A bibliography will be recommended during the course of the lectures.

**755. Methods of Social Research in Industry.** Mr. Thurley. Nine lectures and classes, Michaelmas Term.

For students who will be undertaking project work for Part B of the Diploma in Personnel Management.

*Attendance at the following courses after discussion with tutors and depending on student's previous studies:—*

- No. 8.—Introduction to Economics.
- No. 47.—The Structure of Industry.
- No. 48.—Recent Economic Developments.
- No. 58.—The Economics of the Labour Market.
- No. 125.—Business Administration: The Organisation of Business Enterprises and Problems of Business Policy.
- No. 132.—Economics for Engineers and Applied Scientists: (c) Business Organisation and Finance.
- No. 262.—Introduction to Modern English Economic History.
- No. 268.—Industrial History.
- No. 385.—Law of Labour and of Social Insurance.
- No. 625.—Comparative Industrial Relations.
- No. 628.—Industrial Relations (Seminar).
- No. 629.—Problems in Industrial Relations.
- No. 630.—Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar).
- No. 631.—The Political History of Trade Unions.
- No. 632.—Trade Unions in Britain.
- No. 703.—Research Methods in Social Psychology.
- No. 704.—General Course in Social Psychology.
- No. 723.—Aspects of Social Policy, (g) Some Social Problems of Employment.
- No. 842.—Introduction to the Social Structure of Modern Britain.
- No. 920.—Elementary Statistical Methods.
- No. 946.—The Nature and Sources of Social Statistics.

### Course for Social Workers in Mental Health

**Note:** Lectures and seminars numbered 770 to 779 are restricted to students registered for this course.

**770. The Mental Health Services.** Mrs. McDougall. Ten lectures, Michaelmas Term.

**Syllabus.**—The aim of these lectures is to give an idea of the growth of the mental health services, supplying a background and a perspective against which the present services, statutory and voluntary, can be seen. The course includes an outline account of the development of attitudes and philosophies, as they have a bearing on legislation and methods of treatment: the development of child guidance clinics and their present organisation will be covered, and the law and administration as it affects the mentally ill, the mentally subnormal, and educationally subnormal child.

**Recommended reading.**—D. H. Tuke, *Chapters in the History of the Insane in the British Isles*; G. Zilboorg and G. W. Henry, *A History of Medical Psychology*; K. Jones, *Lunacy, Law and Conscience*; *Mental Health and Social Policy, 1845-1959*; C. Morris, *Social Case Work in Great Britain* (chap. on Psychiatric Social Work); A. M. and A. D. B. Clarke, *Mental Deficiency*; Feversham Committee, *Voluntary Mental Health Services*; *Report of the Royal Commission on Lunacy and Mental Disorder* (Cmd. 2700, 1926); *Report of the Royal Commission on the Law relating to Mental Illness and Mental Deficiency, 1957* (Cmd. 169); U.K. Board of Education and Board of Control, *Report of the Mental Deficiency Committee* (the Wood Report), 1929; *Report of the Committee on Maladjusted Children* (Underwood Report), 1955.

**771. A Sociological Approach to Social Problems.** Mr. Timms. Ten lectures, Lent Term.

**Syllabus.**—The different "sociological" approaches advocated in social work: different ways of viewing the "environment". The importance of the "social" constituent of personality. The definition of a social problem and the processes by which social problems are defined. The place of values in the definition of social problems. Different views of "the social world": the integration and coercion theories. The professional ideology of the social pathologist. General approaches of a sociological kind to (a) the classification of social problems; (b) modes of adjustment and the general meaning of social pathology. Social norms and reference groups. An examination of selected social problems, beginning with a view of family pathology. The sociological approach to delinquency, mental illness and suicide.

**Recommended reading.**—B. F. Wootton, *Social Science and Social Pathology*; E. Lemert, *Social Pathology*; M. B. Clinard, *Sociology of Deviant Behaviour*; R. K. Merton and R. A. Nisbet (Eds.), *Contemporary Social Problems*; R. K. Merton, *Social Theory and Social Structure*; M. W. Susser and W. Watson, *Sociology in Medicine*; E. Raab and G. J. Selznick, *Major Social Problems*; H. D. Stein and R. A. Cloward (Eds.), *Social Perspectives on Behavior*; N. W. Bell and E. F. Vogel (Eds.), *A Modern Introduction to the Family*; T. Parsons, R. F. Bales and others, *Family, Socialization and Interaction Process*; E. M. Goldberg, *Family Influences and Psychosomatic Illness*; R. A. Cloward and L. E. Ohlin, *Delinquency and Opportunity*; M. Wolfgang (Ed.), *The Sociology of Crime and Delinquency*; A. M. Rose (Ed.), *Mental Health and Mental Disorder*; J. K. Myers and B. H. Roberts, *Family and Class Dynamics in Mental Illness*; A. H. Leighton and others (Eds.), *Explorations in Social Psychiatry*; P. Sainsbury, *Suicide in London*.

**772. Applied Physiology.** Dr. J. E. Cooper. Eight lectures, Lent Term.

**Syllabus.**—The integrative action of the nervous system: motor and sensory function. The borderlines of physiology and psychology. Consciousness and its disturbances. The part played by endocrine and other somatic factors in psychological processes, including the

responses to emotional stress. Some physiological principles underlying physical treatment in psychiatry.

**Recommended reading.**—W. B. Cannon, *The Wisdom of the Body*; O. L. Zangwill, *Introduction to Modern Psychology*; S. Cobb, *Emotions and Clinical Medicine*.

**773. Clinical Aspects of Child Development.** Dr. D. W. Winnicott. Fourteen lectures, Michaelmas and Lent Terms.

**Syllabus.**—Theory of emotional development of infant and child. Evaluation of the environmental factor. Health in terms of emotional maturity and ill-health in terms of distortions in emotional growth. Classification according to the specific needs of each case.

Clinical material illustrating health and ill-health at various ages; interview reports with discussion of technique.

Etiology of psycho-neurosis, antisocial tendency, and psychosis. The effect of physical disease and of mental defect on the personal pattern of defence against anxiety.

**774. (a) Psychiatry.** Dr. Kraupl Taylor. Twelve lectures on psychiatry, Michaelmas and Lent Terms. Demonstrations on psychiatry will be held weekly at the Maudsley Hospital.

**Syllabus.**—Introduction. Etiological Factors. Classification. Hysterical, Obsessional and Anxiety States. Affective Disorders. Schizophrenia. Psychopathic States. Epilepsy. Organic Conditions. Pre-Senile and Senile Psychoses. Causation and treatment. Place of the social worker in investigation, prevention and treatment.

**Recommended reading.**—D. Stafford-Clark, *Psychiatry To-day*; W. Mayer-Gross, E. Slater and M. Roth, *Clinical Psychiatry*; R. D. Curran and M. Partridge, *Psychological Medicine*; A. Lewis, *Psychological Medicine* (in F. W. Price (Ed.), *Textbook of the Practice of Medicine*).

**774. (b) Special Problems in Psychiatry.** Various Lecturers. Five lectures, Lent Term.

**775. The Mentally Subnormal.** Dr. J. Tizard. Five lectures, Lent Term.

**Syllabus.**—The nature, classification, and social problem of mental subnormality.

**776. Psychology of Family Relations.** Mrs. Bannister. Six lectures, Summer Term.

**Syllabus.**—The nature of marital choice; marriage as conscious and unconscious drive towards solving emotional problems from past; gratification and frustration; role-playing and adaptation in developing family; points of stress; interaction, collusion and projection; pressures of social environment.

**Recommended reading.**—E. J. Bott, *Family and Social Network*; H. V. Dicks, "Experiences with Marital Tension Seen in the Psychological Clinic" (*British Journal of Medical Psychology*, Vol. XXVI); N. W. Ackerman, F. L. Beatman and S. N. Sherman (Eds.), *Exploring the Base for Family Therapy*; S. Freud, *Introductory Lectures on Psycho-Analysis*; M. Klein and J. Riviere, *Love, Hate and Reparation*; M. Klein, *Envy and Gratitude*; *A Study of Unconscious Sources*; M. Young and P. Willmott, *Family and Kinship in East London*; Family Discussion Bureau, *Social Casework in Marital Problems*; *Marriage: Studies in Emotional Conflict and Growth*; *The Marital Relationship as a Focus for Casework*.

**777. The Study of Personality.** To be arranged.

**Syllabus.**—An examination of the cognitive and irectic aspects of personality:

(a) INTELLIGENCE: Its nature and measurement. Discussion of different intelligence tests. Growth and decline of intelligence. Tests of deterioration. Intelligence and heredity.

(b) PERSONALITY: Concepts of personality. Its measurement in the clinical situation by means of interviews, questionnaires, objective and projective personality tests.

**Recommended reading.**—A bibliography will be given at the beginning of the course.

**778. Principles and Practice of Social Casework.** Miss Elkan, Mr. Myers, Miss Bell, Miss Butrym, Miss Parsloe and Mr. Timms. Small weekly seminars will be held throughout the session jointly with the Applied Social Studies Course.

**Syllabus.**—Principles underlying the practice of social casework are studied throughout, primarily through the medium of detailed case records.

In the first term the emphasis is on the professional role of the caseworker in a social welfare agency and on the understanding and assessment of the client's problem.

In the second term greater attention is paid to the emotional factor in the client situation and to the ways in which the caseworker helps.

In the third term consideration is given to casework with clients presenting special difficulties.

An attempt is made throughout to help students to integrate the material, both with their experience in the various training centres and with the other lectures in the Course.

**779. Social Work in Psychiatric Settings.** Mrs. McDougall and Mr. Myers. Weekly seminars will be held in the Lent and Summer Terms.

**Syllabus.**—Characteristics of the hospital, child guidance clinic and local authority health department as social institutions in which professional groups work together for a common purpose. The psychiatric social worker's special contribution in these settings. The principles and problems of relating social work service to medical care.

**Field Work Supervisors to the Mental Health Course**

Miss I. Bergman	} Maudsley Hospital, Denmark Hill, S.E.5. (Adults).
Miss M. Eden	
Miss I. Lissman	
Miss S. Parsons	
Miss H. Horder, B.A.	} Maudsley Hospital, Denmark Hill, S.E.5. (Children).
Miss M. Turnbull, B.A.	
Miss M. Weiss, B.A.	
Miss I. Westheimer	
Mrs. K. F. A. Edkins	} Child Guidance Training Centre, 6, Osnaburgh Street, N.W.1.
	} St. George's Hospital, Psychiatric Department, 15, Knightsbridge, S.W.1.

Miss. I. Forstner	Department of Psychological Medicine, University College Hospital, 23, Devonshire Street, W.1.
Miss E. Thomson	Hospital for Sick Children, Gt. Ormond Street, W.C.1.
Mrs. B. Knock	Cane Hill Hospital, Surrey.
Miss A. M. Laquer	Child Guidance Clinic, Old Monoux School, High Street, E.17.
Mrs. D. Lilley, LL.D.	Queen Elizabeth Hospital for Children, Hackney, S.E.

### Course in Applied Social Studies

Note: Lectures and seminars numbered 800 to 810 are restricted to students registered for this course.

**800. Social Influences on Behaviour.** Mr. Eppel. Fifteen lectures, Michaelmas and Lent Terms.

**Syllabus.**—A discussion of the extent to which personal interests, attitudes, habits, and aspirations are influenced by the standards and expectations of the groups to which people belong. The main themes are:—

1. The influence of culture on personality, with some account of individual differences and deviant behaviour.
2. Social factors in motivation, emotional behaviour and the development of intellectual capacity.
3. Problems of communication in modern society, with special reference to language, social attitudes and prejudice.
4. Changing attitudes in the spheres of family life, education, industry, delinquency, medicine and leisure.
5. The problems of responsibility and leadership in a democratic society.

**801. Principles and Practice of Social Casework.** Miss Bell, Miss Butrym, Miss Elkan, Mr. Myers, Miss Parsloe and Mr. Timms. Small weekly seminars will be held throughout the session jointly with the Course for Social Workers in Mental Health. For details see Course No. 778.

**802. Human Growth and Development.** Dr. Stewart Prince. Thirty lectures, Michaelmas, Lent and Summer Terms.

**Syllabus.**—In this course an effort is made to trace in detail the developmental steps, psychological and biological, of the individual from conception, through maturity, into old age. Firstly the main epochs in human development are surveyed briefly, to provide a temporal framework. Then, after discussion of the interplay of psychological and biological influences, and of heredity and environment, the serial stages of child growth and development are surveyed in detail.

The phenomena of adolescence, maturity, the climacteric and senescence are dealt with similarly. The emphasis is upon the normal processes of growth, with attention to points of special strain and resultant abnormalities at each period.

Modern theories of personality development are discussed critically, special attention being given to the systems of psycho-analysis and analytical psychology; deviations from the normal are also dealt with here, as are the influence on development of the mother-child relationship, the family constellation, and various adverse experiences such as emotional deprivation, illness and placement in abnormal environments.

The differential patterns of development in man and woman are outlined, to provide a framework for the discussion of the relationship between the sexes, courtship, marriage and the problems of parenthood. This leads to description of anomalous psychosexual development.

The development of the special senses, of speech and language, and of intelligence is studied in some detail.

Throughout, the theoretical material is related as closely as possible to clinical usage, and discussed in its practical application to the casework situation.

**803. A Clinical Approach to Family Problems.** Dr. D. W. Winnicott. Ten lectures, Summer Term.

**Syllabus.**—The family in relation to infants and children at various stages of their development. A survey of the emotional development of the child in health, and the various distortions in emotional development that result in psychiatric disorder. The clinical picture in health and in ill-health illustrated by case descriptions. Evaluation of the environmental factor. Special problems of adolescence. The family's relationship with society. The concept of health as emotional maturity at age.

**804. Psychiatric Problems in Social Work.** Mrs. McDougall. Ten lectures, Michaelmas and Lent Terms.

**Syllabus.**—This course deals with the mental health services and typical problems of mental illness and mental subnormality which the social worker has to meet.

**Recommended reading.**—D. Stafford-Clark, *Psychiatry to-day*; R. D. Curran and M. Partridge, *Psychological Medicine*; K. Jones, *Mental Health and Social Policy*; Margaret Adams (Ed.), *The Mentally Subnormal: A Social Casework Approach*.

**805. Problems of Health and Disease.**

I. Dr. Davis. Ten lectures, Michaelmas Term.

**Syllabus.**—The course begins with two introductory lectures on the nature of disease and on the history and present organisation of the medical profession. Eight lectures then follow on physical growth and development and on some of the more common childhood diseases.

II. Dr. Jackson. Ten lectures, Lent Term.

**Syllabus.**—The course deals with the functions of the various body systems and with the disease processes of these systems and is given in the form of combined medical lectures and social case illustrations in order that the interrelationship of illness and social stress is clearly demonstrated.

III. Various medical lecturers. Primarily intended for medical social work students, Summer Term.

**Syllabus.**—This course is given by specialists in various fields of medicine and is based on a more detailed approach to the subjects chosen.

**806. Social Administration and Social Policy.** Dr. Parker.  
Lent Term.

**Syllabus.**—The relation between social policy and administrative structure. The nature and process of administration, with particular reference to the organisation and functions of agencies in which students do their field work. The part played by social workers in administration.

**Recommended reading.**—L. Urwick and L. H. Gulick (Eds.), *Papers on the Science of Administration*; M. P. Follett, *Dynamic Administration*; H. Stein (Ed.), *Public Administration and Policy Development*; H. A. Simon, *Administrative Behaviour*; K. C. Wheare, *Government by Committee*; B. N. Rodgers and J. Dixon, *Portrait of Social Work*; A. H. Birch, *Small Town Politics*; F. M. G. Willson, *Administrators in Action*.

**807. The Law and Court Procedure.** Lecturer to be announced.  
Lent and Summer Terms.

**Syllabus.**—This course deals with the general principles of law and practice (including rules of evidence) in Courts, with particular reference to the constitution, jurisdiction and powers of Magistrates' Courts, in dealing with children and young persons, in domestic proceedings, and in the making of affiliation orders. Reference is made to the Statutes and statutory instruments from which the powers of Courts are derived, and in particular to the relevant parts of the following Acts as amended, and to Rules made under them—

Criminal Justice Act, 1948, and Criminal Justice Act, 1961;  
Children Acts, 1948 and 1958;  
Children and Young Persons Acts, 1933 to 1956;  
Education Act, 1944;  
Magistrates' Courts Act, 1952;  
Adoption Acts, 1958 and 1960;  
Matrimonial Proceedings (Children) Act, 1958;  
Mental Health Act, 1959;  
Matrimonial Proceedings (Magistrates' Courts) Act, 1960;

and other statutes dealing with domestic proceedings and the making of affiliation orders.

**Recommended reading.**—G. L. Williams, *Learning the Law* (6th edn.) and the *Report of the (Ingleby) Committee on Children and Young Persons* (Cmnd. 1191) October 1960, should be read before attending the course.

**FURTHER READING.**—A. C. L. Morrison, *Notes on Juvenile Court Law*; R. M. Jackson, *The Machinery of Justice in England* (3rd edn.); W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children and Young Persons* (6th edn.).

**808. Social Work and Medical Settings.** Miss Butrym. Twelve lecture-seminars, Lent and Summer Terms.

**Syllabus.**—Characteristics of the hospital as a social institution in which professional groups work together for a common purpose. The medical social worker's contribution in relation to the hospital's function. The principles and problems of relating the social casework service to medical care.

**809. Social Work and the Child Care Service.** Miss Bell and others. Twelve seminars, Lent and Summer Terms.

**Syllabus.**—The structure and methods of operation of the Child Care Services. Recent developments and present trends, including a discussion of the casework problem of meeting needs within the administrative framework of the service as it is today. Case discussion to illustrate these points. Some of the family problems behind applications for reception into care. Methods of care available today and their relative values in relation to the problems presented by children and their parents. Placement, and all the factors influencing it, including parental attitudes. Adoption. Current practice and thinking. Selection of adop-

tive parents, their motives and attitudes. Problems of illegitimacy. Conclusion and summing up. The focus throughout is on the place of social case-work in the Child Care Services.

**810. Social Work and the Court Setting.** Miss Parsloe. Twelve lectures and seminars, Lent and Summer Terms.

**Syllabus.**—In this course various aspects and problems of the Probation Officer's work will be discussed, with special reference to the legal framework.

**Recommended reading.**—J. F. S. King (Ed.), *The Probation Service*; W. A. Elkin, *The English Penal System*; H. Jones, *Crime and the Penal System*; United Nations, *Probation and Related Measures*.

**GOVERNMENT PUBLICATIONS:** Home Office, *Prisons and Borstals (England and Wales)*, 1957; *After-care and Supervision of Discharged Prisoners*, 1958; *Treatment of Young Offenders*, 1959; *Penal Practice in a Changing Society*, 1959; *Disturbances at the Carlton Approved School* (Cmnd. 937); *Report of the Committee on Children and Young Persons* (Cmnd. 1191); *Report of the Interdepartmental Committee on the Business of the Criminal Courts* (Cmnd. 1289); *Report of the Departmental Committee on the Probation Service* (Cmnd. 1650).

**FOR REFERENCE:** W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children* (6th edn.).

**Supervisors to the Course in Applied Social Studies**

Miss K. M. Brown.	}	Probation Officers, London Probation Service.
Miss P. Deane		
Mr. T. Burke	}	Probation Officers, Hertfordshire Probation Service.
Mr. R. Betteridge		
Mrs. M. Martyr		
Mr. H. Bordeleau	}	Child Welfare Officers, Children's Department, London County Council.
Miss F. E. Ney		
Miss P. V. Polack		
Miss W. O. Copleston		Child Welfare Officer, Children's Department, Hertfordshire.
Miss U. Behr		Child Welfare Officer, Children's Department, Essex.
Miss M. Johnson		Medical Social Worker, Middlesex Hospital.
Miss P. B. Service		Medical Social Worker, Hammersmith Hospital.
Mrs. R. Jordan	}	Family Caseworkers, Family Welfare Association, London.
Miss J. E. Neill		
Miss B. Gormly		Psychiatric Social Worker, Ealing Child Guidance Clinic.
Miss A. B. Lloyd Davies		Psychiatric Social Worker, Invalid Children's Aid Association.

## SOCIOLOGY

### 830. Sociology: an Introduction. Professor MacRae. Nine lectures, Michaelmas Term.

For B.A. B.Sc. (Sociology) Options A and B (First Year); Diploma in Personnel Management.

**Recommended reading.**—D. Mitchell, *Sociology*; H. H. Gerth and C. W. Mills, *Character and Social Structure*; M. Ginsberg, *On the Diversity of Morals* (Part II); *Evolution and Progress* (Chapter 4 and Part II); D. G. MacRae, *Ideology and Society* (Chapters 1-3 and Part II); R. C. Hinkle and G. J. Hinkle, *The Development of Modern Sociology*; L. Broom and P. Selznick, *Sociology*; W. B. Cameron, *Informal Sociology*.

### 831. The Theories and Methods of Sociology. Mr. Bottomore. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Theory and Methods of Sociology*, VIII 4 (Second Year); B.A./B.Sc. (Sociology) Options A, 1 and B, 1 (Second Year); B.A. Honours in Anthropology (Second Year); Academic Diplomas in Anthropology and Psychology (Second Year).

**Syllabus.**—(i) A consideration of the principal schools of sociology: formal sociology; the comparative study of social institutions; the functional approach in sociology and social anthropology.

(ii) Problems of sociological explanation. Theories of social structure, change and development.

(iii) Methods of sociological research.

**Recommended reading.**—(i) General: H. H. Gerth and C. Wright Mills, *Character and Social Structure*; R. Firth, *Elements of Social Organization*; R. H. Lowie, *Social Organization*; R. K. Merton, *Social Theory and Social Structure*; L. Coser and B. Rosenberg, *Sociological Theory*; T. B. Bottomore, *Sociology*; M. Ginsberg, *The Psychology of Society*.

(ii) Selected texts and commentaries: L. T. Hobhouse, *Morals in Evolution*; *Social Evolution and Political Theory*; J. Rumney, *Herbert Spencer's Sociology*; E. Durkheim, *The Rules of Sociological Method*; *The Division of Labour in Society*; *Suicide*; *Elementary Forms of the Religious Life*; *Professional Ethics and Civic Morals*; C. C. A. Bouglé, *Bilan de la sociologie française contemporaine*; T. B. Bottomore and M. Rubel (Eds.), *Karl Marx: Selected Writings in Sociology and Social Philosophy*; K. H. Wolff (Ed.), *The Sociology of Georg Simmel*; G. Simmel, *Conflict and The Web of Group Affiliations*; F. Toennies, *Community and Association*; H. H. Gerth and C. Wright Mills (Eds.), *From Max Weber*; M. Weber, *The Theory of Social and Economic Organization*; R. Aron, *German Sociology*; V. Pareto, *The Mind and Society*; T. Parsons, *The Structure of Social Action*.

(iii) Social structure and culture; social change and development: C. Lévi-Strauss, "Social Structure" in A. L. Kroeber (Ed.), *Anthropology Today*; S. F. Nadel, *The Theory of Social Structure*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society* (Chapters VIII-X); B. Malinowski, *A Scientific Theory of Culture and other Essays*; A. L. Kroeber and C. Kluckhohn, *Culture*; M. Ginsberg, *Essays in Sociology and Social Philosophy* (Vol. III); K. Mannheim, *Essays on the Sociology of Knowledge* (Chapters III and VII).

(iv) Sociological methods: J. S. Mill, *A System of Logic* (Book VI "On the logic of the moral sciences"); S. and B. Webb, *Methods of Social Study*; P. L. Gardiner, *The Nature of Historical Explanation*; H. A. Hodges, *Wilhelm Dilthey: An Introduction*; K. R. Popper, *The Poverty of Historicism*; M. Weber, *The Methodology of the Social Sciences*; R. M. MacIver, *Social Causation*; A. R. Radcliffe-Brown, *A Natural Science of Society*; P. Winch, *The Idea of a Social Science and its Relation to Philosophy*; J. A. Rex, *Key Problems of Sociological Theory*.

(v) Selected studies exemplifying sociological theories and methods: M. Weber, *The Protestant Ethic and the Spirit of Capitalism*; L. T. Hobhouse, G. C. Wheeler and M. Ginsberg, *The Material Culture and Social Institutions of the Simpler Peoples*; A. R. Radcliffe-Brown, *The Andaman Islanders*; D. V. Glass (Ed.), *Social Mobility in Britain*; R. Aron, *Dix-huit leçons sur la société industrielle*; C. W. Mills, *The Power Elite*; R. Dahrendorf, *Class and Class Conflict in an Industrial Society*; E. Durkheim (see above, section (ii)).

### 832. Theories and Methods of Sociology Class. A weekly class will be held throughout the session for students taking the B.Sc. (Econ.) Part II—*Theory and Methods of Sociology*, VIII 4.

### 833. Comparative Morals and Religion. Professor Gellner, Dr. D. A. Martin and Mrs. Scharf. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Comparative Morals and Religion*, VIII 8d (Second Year); B.A./B.Sc. (Sociology)—Options A, 9 and 10c, and B, 5 (Second Year); B.A. Honours in Anthropology (Second Year); Academic Diploma in Anthropology (First Year).

**Syllabus.**—This course will be concerned with introducing students to the study of socially shared belief systems, their institutional manifestations, their relations with the rest of the social order in which they find themselves, and their connexions with the conduct of the members of the society. Some of the more important sociological theories of religion will be discussed (those of religion in general, and of the specific impact of particular religions in various historical circumstances). There will also be discussions of at least one primitive religion, one scriptural world religion, and one modern semi-secularised social situation.

**Recommended reading.**—D. Hume, "The Natural History of Religion" in *Essays*; K. Marx and F. Engels, *On Religion* (London, 1957); K. Marx and F. Engels, *The German Ideology*; L. A. Feuerbach, *The Essence of Christianity*; F. W. Nietzsche, *The Genealogy of Morals*; J. G. Frazer, *Totemism and Exogamy*; N. D. Fustel De Coulanges, *The Ancient City*; R. Smith, *The Religion of the Semites*; E. Westermarck, *The Origin and Development of the Moral Ideas*; L. T. Hobhouse, *Morals in Evolution*; E. Durkheim, *The Elementary Forms of the Religious Life*; S. Freud, *Totem and Taboo*; *The Future of an Illusion*; J. E. Harrison, *Ancient Art and Ritual*; B. Malinowski, *Magic, Science and Religion*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society* (Chaps. 6-8); K. Mannheim, *Ideology and Utopia*; T. Parsons, *The Social System* (Chaps. 8-9); M. Ginsberg, *The Diversity of Morals*; J. Wach, *Sociology of Religion*.

R. R. Marett, *The Threshold of Religion*; R. Redfield, *The Primitive World and its Transformations*; G. F. Moore, *History of Religions*; E. R. Bevan, *Christianity*; H. Bettenson (Ed.), *Documents of the Christian Church*; E. Troeltsch, *Social Teaching of the Christian Churches*; M. Weber, *The Protestant Ethic and the Spirit of Capitalism*; R. H. Tawney, *Religion and the Rise of Capitalism*; H. G. Rawlinson, *India*; W. Hutton, *Caste in India*; A. C. Bouquet, *Hinduism*; M. Weber, *Ancient Judaism*; *The Religion of China*; J. Burckhardt, *Force and Freedom*; J. Dewey, *Problems of Men*; K. Jaspers, *Man in the Modern Age*; H. Arendt, *The Burden of Our Time*; T. S. Eliot, *The Idea of a Christian Society*; V. A. Demant, *Religion and the Decline of Capitalism*; R. Niebuhr, *Moral Men and Immoral Society*; L. Sturzo, *Church and State*; E. Fischhoff, "The Protestant Ethic" (*Social Research*, 1944).

S. W. Baron, *A Social and Religious History of the Jews*; C. Booth, *Life and Labour of the People in London* (3rd series); A. C. Bouquet, *Sacred Books of the World*; E. M. Butler, *The Myth of the Magus*; J. H. Fichter, *Social Relations in the Urban Parish*; W. Herberg, *Protestant, Catholic, Jew*; E. O. James, *History of Religions*; J. Huizinga, *The Waning of the Middle Ages*; C. Humphreys, *Buddhism*; R. Levy, *The Social Structure of Islam*; G. Le Bras, *Études de Sociologie Religieuse*; H. R. Niebuhr, *The Social Sources of Denominationalism*; W. M. Watt, *Muhammad at Medina*; E. R. Wickham, *Church and People in an Industrial City*; J. M. Yinger, *Religion, Society and the Individual*; UNESCO, *Current Sociology*, Vol. V, No. 1 (1956); *Sociology of Religions*; J. N. Moody, *Church and Society*; A. C. Bouquet, *Comparative Religion*; J. Petric, *The Worker-Priests*; F. Boulard, *Introduction to Religions*



Sociology; A. Mayer, *Caste and Kinship in Central India*; K. W. Underwood, *Protestant and Catholic*; B. Wilson, *Sects and Society*; N. Cohn, *Pursuit of the Millennium*; H. Desroche, *Marxisme et religion*; C. Y. Glock, "The Sociology of Religion" in R. K. Merton and others (Eds.), *Sociology Today*; D. Goldschmidt and others, *Soziologie der Kirchengemeinde*; G. Le Bras, "Sociologie des Religions" in G. Gurvitch (Ed.), *Traité de Sociologie*; P. M. Worsley, *The Trumpet Shall Sound*. (See also the journals *Archives de Sociologie des Religions* and *Social Compass*.)

**833(A). Comparative Morals and Religion (Class).** Dr. D. A. Martin and Mrs. Scharf will hold classes in conjunction with Course No. 833.

**834. Elements of Social Structure.** Dr. Little. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—Alternative subject 6, *Elements of Social Structure I*; B.Sc. (Econ.) Part II—*Elements of Social Structure II*, I 3k; II 3h; V 8h (Second Year); B.A./B.Sc. (Sociology) Options A and B, 1 (First Year); Diploma in Personnel Management; Diploma in Social Administration (Second Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; Diploma in Public Administration.

**Syllabus.**—The nature of sociological analysis. Social change: the process of industrialisation. Urbanisation and population growth. The impact of industrialisation on social structure; stratification; political, religious and familial institutions; problems of social control. Bureaucracy and large organisations. Stability and conflict in society.

**Recommended reading.**—United Nations, *Report on the World Social Situation*; H. Gerth and C. W. Mills, *Character and Social Structure*; R. Redfield, *The Little Community*; K. Davis, *Human Society*; W. E. Moore, *Industrial Relations and the Social Order*; R. M. Williams, *American Society: A Sociological Interpretation*; F. Lorimer, *Culture and Human Fertility*; J. M. Yinger, *Religion, Society and the Individual*; R. Bendix and S. M. Lipset, *Class, Status, Power; Social Mobility in Industrial Society*; G. Simpson, *Man in Society*; E. Chinoy, *Sociological Perspectives*; K. B. Mayer, *Class and Society*; W. E. Moore, *Economy and Society*; S. A. Greer, *Social Organisation*; P. M. Blau, *Bureaucracy in Modern Society*; G. M. Sykes, *Crime and Society*; D. Wrong, *Population*; E. K. Nottingham, *Religion and Society*; M. S. Olmsted, *The Small Group*; C. R. Wright, *Mass Communication*.

**834(A). Elements of Social Structure I (Classes).** Classes will begin in the sixth week of the Michaelmas Term and will be held throughout the session for students taking B.Sc. (Econ.) Part I; B.A./B.Sc. (Sociology) Options A and B (First Year).

**835. Elements of Social Structure II (Classes).**

(a) Dr. Little will hold five classes in the Summer Term for students in their second year taking B.Sc. (Econ.) Part II—*Elements of Social Structure II*, I 3k; II 3h; V 8h.

(b) Further classes will be held by Mr. Hopkins in the Michaelmas and Lent Terms for students in their third year.

**836. Social Structure and Social Change.** Professor MacRae. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) Option A, 9 and 10a (Second Year), Option I (Third Year); graduate students in Sociology and Social Anthropology.

**Recommended reading.**—R. M. MacIver, *Social Causation*; M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. III; R. Bendix, *Max Weber*; P. A. Sorokin, *Social Philosophies of an Age of Crisis*; G. B. Vico, *The New Science*; V. I. Lenin, *The Development of Capitalism in Russia*; F. C. Lane and J. C. Riemersma (Eds.), *Enterprise and Secular Change*; W. W. Rostow, *The Stages of Economic Growth*; B. Hoselitz, *Economic Theories of Growth*; UNESCO, *Social Implications of Industrialization and Urbanization in Africa*; G. Hunter, *The New Societies of Tropical Africa*; G. and M. Wilson, *The Analysis of Social Change*; J. Steward, *Social Evolution*; R. Redfield, *The Primitive World and its Transformations*; L. T. Hobhouse, *Social Development*; S. M. Lipset, *Political Man*; C. C. Brinton, *The Anatomy of Revolution*.

**837. Comparative Social Institutions.** Twenty-five lectures, Michaelmas and Lent Terms. (This course will not be given in the session 1964-65.)

For B.A./B.Sc. (Sociology), Option A, 3 and Option B, 2 (Third Year); Diploma in Public Administration.

**Syllabus.**—Institutional aspects of the social structure of the principal types of society. The structure and classification of social groups. Social stratification, status and roles. The classification of societies.

The description and analysis of leading institutions and their functions in the fields of communication, economic production and allocation, socialisation and sexual regulation, social control, magic and ritual practices.

Some varieties of social change.

**Recommended reading.**—L. T. Hobhouse, *Morals in Evolution* (7th edn.), Part I, Chaps. 2 and 3; *Social Development*, Chaps. 1, 2, 5, 11 and 13; M. Ginsberg, *On the Diversity of Morals*, Chaps. 12, 14 and 18; V. G. Childe, *What Happened in History*; E. Westermarck, *A Short History of Marriage*, Chaps. 3, 4, 9 and 10; H. S. Maine, *Ancient Law*, Chap. 8; F. L. Nussbaum, *A History of the Economic Institutions of Modern Europe*.

K. A. Wittfogel, *The Foundations and Stages of Chinese Economic History* (*Zeitschrift für Sozialforschung*), Vol. 4; *Oriental Despotism*, Chaps. 1, 2, 3, 7 and 8; S. Hofstra, *Eastern and Western World*, Chaps. 3-8; J. G. Frazer, *The Golden Bough* (abridged edition), Chaps. 3 and 29-42; A. E. Zimmern, *The Greek Commonwealth*, Parts II and III; W. W. Tarn and G. T. Griffith, *Hellenistic Civilisation*, Chap. 3; F. R. Cowell, *Cicero and the Roman Republic*, Chaps. 3-12, 15-18; C. Bailey (Ed.), *Legacy of Rome* (Chapter on Family and Social Life); H. Pirenne, *Medieval Cities*, Chaps. 3-8; *Cambridge Economic History*, Vol. I, Chaps. 6 and 8; R. W. Southern, *The Making of the Middle Ages*, Chap. 2; H. Sidgwick, *The Development of European Polity*, Chaps. 4-11, 14-20; T. F. Houtt, *The Sociology of Religion*, Chaps. 10, 11 and 12.

T. H. Marshall, *Citizenship and Social Class*; D. V. Glass (Ed.), *Social Mobility in Britain*; A. Flanders and H. A. Clegg, *The System of Industrial Relations in Great Britain*, Chaps. 1, 2 and 3; E. Durkheim, *The Division of Labour in Society*; C. W. Mills, *White Collar*; H. H. Gerth and C. W. Mills, *Character and Social Structure*, Parts I, III and IV; M. Halbwachs, *The Psychology of Social Classes*; R. Bendix and S. Lipset, *Social Mobility in Industrial Society*, Parts I and III.

**838. Political Sociology.** Mr. McKenzie. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Political Sociology*, VIII 8e (Second Year); B.A./B.Sc. Sociology Option A, 9 and 10f. Also recommended for graduate students.

**Syllabus.**—The meaning, scope and method of political sociology; some basic concepts. The contribution of a selected list of writers to the historical development of the subject (including Marx, Tocqueville, Pareto, Michels, Mosca, Sorel, Durkheim, Weber, Graham Wallas).

The relations of the state to other institutions. Social movements, political parties and interest groups—their place in the political process; problems of their inner development; leadership, oligarchy and bureaucracy. The study of political behaviour—participation and non-participation in politics; factors influencing electoral choice; the mass media and public

opinion. Decision making and the political process—the rôle and social background of political decision-makers. Bureaucracy and the administrative process.

**Recommended reading.**—H. Eulau and others, *Political Behaviour*; R. Lipset, *Political Man*; H. Hyman, *Political Socialization*; R. Bendix and S. Lipset, "Political Sociology" (*Current Sociology*, Vol. VI, No. 2, 1957); R. Michels, *Political Parties*; S. Neumann (Ed.), *Modern Political Parties*; R. H. Lowie, *The Origin of the State*; M. Weber, "Politics as a Vocation" in H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; R. T. McKenzie, *British Political Parties: the Distribution of Power within the Conservative and Labour Parties*; S. D. Bailey (Ed.), *The British Party System*; V. O. Key, *Politics, Parties and Pressure Groups*; G. Wallas, *Human Nature in Politics*; W. G. Runciman, *Social Science and Political Theory*; A. Ranney (Ed.), *Essays on the Behavioral Study of Politics*.

N. Macchiavelli, *The Prince*; H. Taylor, *The Statesman*; M. Ostrogorski, *Democracy and the Organisation of Political Parties*; M. Duverger, *Political Parties*; A. Leiserson, *Parties and Politics*; G. Mosca, *The Ruling Class*; V. Pareto, *The Mind and Society*; H. D. Lasswell and others, *The Comparative Study of Elites*; C. W. Mills, *The Power Elite*; W. L. Guttsman, *The British Political Elite*; T. B. Bottomore, *Elites and Society*; R. E. Lane, *Political Ideology*; F. Oppenheimer, *The State*; R. M. MacIver, *The Modern State*; *The Web of Government*; R. K. Merton and others, *Reader in Bureaucracy*; R. Michels, "Some Reflections on the Sociological Character of Political Parties" (*American Political Science Review*, Nov., 1927); R. Aron, "Social Structure and the Ruling Class" (*British Journal of Sociology*, March and June, 1950); J. A. Schumpeter, *Capitalism, Socialism and Democracy*; B. R. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication*; H. D. Lasswell, *Politics: Who Gets What, When, How*; H. D. Lasswell and A. A. Kaplan, *Power and Society*; D. E. Butler and R. Rose, *The British General Election of 1959*; M. Abrams, et al., *Must Labour Lose?*; A. J. Allen, *The English Voter*; J. Trenaman and D. McQuail, *Television and the Political Image*; B. R. Berelson and others, *Voting*; S. Lipset and others, "The Psychology of Voting" in A. Lindzey (Ed.), *Handbook of Social Psychology*; A. Campbell and others, *The American Voter*; E. Burdick and A. J. Brodbeck (Eds.), *American Voting Behaviour*; W. Kornhauser, *The Politics of Mass Society*; M. Benney, P. Gray and R. H. Pear, *How People Vote*; J. Bonham, *The Middle Class Vote*; R. S. Milne and H. C. Mackenzie, *Straight Fight*; S. H. Beer, "Pressure Groups and Parties in Britain" (*American Political Science Review*, Vol. 50, 1956); S. E. Finer, *Anonymous Empire*; J. D. Stewart, *British Pressure Groups*; *Political Quarterly*, January-March, 1958: Special number on Pressure Groups; P. Potter, *Organized Groups in British National Politics*; M. Harrison, *Trade Unions and the Labour Party since 1945*; D. D. McKean, *The Boss*; D. B. Truman, *The Governmental Process*; J. Towster, *Political Power in the U.S.S.R., 1917-1947*; L. Trotsky, *The Revolution Betrayed*; B. D. Wolfe, *Three Who Made a Revolution*; D. R. Matthews, *The Social Background of Political Decision-Makers*.

**839. Medieval Society.** Dr. Bridbury. Five lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology), Option I, *European Civilisation in the Middle Ages*.

The lectures are mainly concerned with England and France during the period c. 1150-1350, though some attention is given to the cities of Italy and Flanders.

**Syllabus.**—Social and economic change in a feudal society. The fallacy of static analysis. Some causes of change. The effects of a quickening of commercial life upon such institutions as the manor, the town, and the church. Social mobility, education and instruction in an increasingly lay society. The significance of fluctuations in the size of the population. Capitalism. Restrictionism. The role of war. The evolution of ecclesiastical thinking on trade. The beginnings of non-conformity. Problems of social policy.

**Recommended reading.**—D. Ricardo, *Principles of Political Economy*; E. A. Kosminsky, *Studies in the Agrarian History of England*; A. Abram, *Social England*; E. Power, *The Wool Trade*; J. H. Ramsay, *The Revenues of the Kings of England*; H. Rashdall, *The Universities of Europe* (revised edn.); G. G. Coulton, *The Medieval Village* (paperback title: *Medieval Village, Manor and Monastery*); J. T. Noonan, *The Scholastic Analysis of Usury*; E. M. Carus-Wilson, *Medieval Merchant Venturers*; J. R. Green, *Town Life in the Fifteenth Century*; F. Davenport, *The Economic History of a Norfolk Manor*; *The Cambridge Economic History of Europe*, Vols. I-III; D. Knowles, *The Religious Orders in England*; I. Origo, *The Merchant of Prato*.

**839(A). Civilisation of the Middle Ages (Classes).** Weekly classes will be held for B.A./B.Sc. (Sociology) students, Option I (Third Year).

**840. Graeco-Roman Civilisation.** Mr. Hopkins. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) Option A, 7 and 8b (Second Year).

**Syllabus.**—A brief outline of the major political, social and economic developments in the Graeco-Roman world.

**Recommended reading.**—M. I. Rostovtzeff, *Greece; Rome*; G. Glotz, *The Greek City; Ancient Greece at Work*; M. I. Finley, *The World of Odysseus; The Ancient Greeks*; J. Carcopino, *Daily Life in Ancient Rome*; N. Lewis and M. Reinhold, *Roman Civilisation* 2 vols. translated sources; S. Dill, *Roman Society from Nero to Marcus Aurelius*; *Roman Society in the Last Century of the Western Empire*; L. Homo, *Roman Political Institutions from City to State*.

**840(A). Graeco-Roman Civilisation (Class).** Mr. Hopkins. Twenty classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) Option A, 7 and 8b (Second Year). First-year students may also attend the first five classes in the Lent Term.

**Syllabus (1964-65).**—A study of the Greek and Roman family, army, stratification and social mobility.

**841. Environment and Heredity.** Professor Glass. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Theory and Methods of Sociology*, VIII 4 (Second Year); B.A./B.Sc. (Sociology) Options A and B, (First and Second Years).

**Syllabus.**—Elements of human genetics. Difficulties of analysis when graded characters are concerned. The meaning and measurement of "environment". Alternative approaches to the study of the "nature-nurture" complex. Twin and foster-child studies. The use of follow-up inquiries. Specific illustrations of problems of analysis with reference to the trend of intelligence and to "problem families".

**Recommended reading.**—Introductory references: L. S. Penrose, *The Biology of Mental Defect*; C. Stern, *Principles of Human Genetics*; W. C. Boyd, *Genetics and the Races of Man*; J. Sutter, *L'Eugénique*; R. S. Woodworth, *Heredity and Environment*.

Other references will be given during the course.

**842. Introduction to the Social Structure of Modern Britain.** Mr. McKenzie and Dr. Erickson. Twenty lectures, Summer Term.

For B.A./B.Sc. (Sociology), Option A, 7 and 8a (First Year).

(a) **Historical Introduction to Modern Britain.** Dr. Erickson. Ten lectures, Summer Term.

**Syllabus.**—The characteristics of mid-nineteenth-century society as indicated by the 1851 census and other contemporary material: the number, rate of increase, age structure, occupations, and urban-rural distribution of the population; the physical conditions of homes and workplaces, and their effects; the distribution of income, the sources of wealth, and the opportunities of rising in income and social status. The institutional influences on social

stability and social mobility: schools, churches, voluntary organisations; the narrow scope of public policy.

The technological, economic and political influences underlying and interacting with social conditions; some of the institutions of social adaptation during the period of accelerated social change since 1850, especially philanthropic organisations, trade unions, co-operatives, schools and political parties.

**Recommended reading.**—W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*, Book II; J. D. Chambers, *The Workshop of the World*; G. M. Young (Ed.), *Early Victorian England*; A. Briggs, *Victorian People*; *Victorian Cities*; J. L. and B. Hammond, *The Bleak Age*; C. Booth, *Occupations of the People: England, Scotland, Ireland, 1841-1881*; A. F. Weber, *The Growth of Cities in the Nineteenth Century*; R. D. Baxter, *National Income*; A. L. Bowley, *Wages and Income in the United Kingdom since 1860*; B. K. Gray, *Philanthropy and the State*; H. L. Beales, *The Making of Social Policy*; G. A. N. Lowndes, *The Silent Social Revolution*; A. M. Carr-Saunders and P. A. Wilson, *The Professions*; Local Government Board, *Statistical Memoranda and Charts relating to Public Health and Social Conditions* (B.P.P. 1909, CIII); E. H. Phelps Brown, *The Growth of British Industrial Relations*; J. Saville, *Rural Depopulation in England and Wales, 1851-1951*; F. M. L. Thompson, *English Landed Society in the Nineteenth Century*.

**(b) Political Structure and Political Behaviour.** Mr. McKenzie.  
Ten lectures, Summer Term.

**Syllabus.**—The nature of parliamentary democracy; the structure of central and local government.

The structure and function of political parties; the rôle of interest groups; social stratification and other factors influencing electoral behaviour; the influence of the mass media.

**Recommended reading.**—W. I. Jennings, *Parliament; Cabinet Government; The British Constitution*; H. R. G. Greaves, *The British Constitution*; H. J. Laski, *Reflections on the Constitution*; H. S. Morrison, *Government and Parliament*; J. H. Warren, *The English Local Government System*; R. T. McKenzie, *British Political Parties*; J. Bonham, *The Middle Class Vote*; R. S. Milne and H. C. MacKenzie, *Straight Fight*; M. Benney, P. Gray and R. H. Pear, *How People Vote*; J. D. Stewart, *British Pressure Groups*; S. E. Finer, *Anonymous Empire*; A. H. Birch, *Representative and Responsible Government*; P. G. Richards, *Honourable Member*; P. G. Richards, *Patronage in British Government*.

**843. The Social Structure of Modern Britain.** Dr. Little, Dr. Tropp and Mr. Westergaard. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, VIII 6 (Second Year, **Lent Term only**; Third Year, **whole course**); B.A./B.Sc. (Sociology), Option A 7 and 8a (Second Year, **Lent Term only**); Diploma in Social Administration (First Year, **whole course**). Optional for Diploma in Social Administration (One Year, **whole course**).

**Syllabus.**—The recruitment and distribution of the population; demographic changes and their social significance; the growth and character of the urban population. The family, its structure and functions.

Changes in industrial structure, including forms of ownership and control; the development of specialised management; changes in occupational structure and in the nature and distribution of skills; the employment of women; the system of industrial relations.

The economic basis of stratification; élites and the distribution of power; cultural differences and the relations between classes; social mobility; the influence of the educational system.

The religious and moral codes; church, family and school as agencies of social control. The institutions of public justice. Communication and mass media.

**Recommended reading.**—J. L. and B. Hammond, *The Bleak Age*; G. M. Young, *Victorian England*; A. M. Carr-Saunders and others, *A Survey of Social Conditions in England*

and Wales; *Report of the Royal Commission on Population* (Cmd. 7695); G. D. M. Block, *The Spread of Towns*; J. A. Banks, *Prosperity and Parenthood*; M. Young and P. Wilmott, *Family and Kinship in East London*; O. R. McGregor, *Divorce in England*; R. Glass, "Urban Sociology in Great Britain" (*Current Sociology*, Vol. IV, No. 4); D. V. Glass, *The Town; Report of the Royal Commission on the Distribution of the Industrial Population* (Cmd. 6153); J. Saville, *Rural Depopulation in England and Wales*; H. Llewellyn Smith (Ed.), *The New Survey of London Life and Labour* (Vols. I and IX); A. D. Rees, *Life in a Welsh Countryside*; G. D. H. Cole, *Studies in Class Structure*; C. A. R. Crosland, *The Future of Socialism*; H. F. Lydall, *British Incomes and Savings*; P. Sargant Florence, *The Logic of British and American Industry; Ownership, Control and Success of Large Companies*; A. Flanders and H. A. Clegg, *The System of Industrial Relations in Great Britain*; R. V. Clements, *Managers*; I. C. McGivering and others, *Management in Britain*; D. V. Glass, *Social Mobility in Britain*; T. H. Marshall, *Citizenship and Social Class*; A. M. Carr-Saunders and P. A. Wilson, *The Professions*; R. K. Kelsall, *Higher Civil Servants in Britain*; A. Tropp, *The School Teachers*; D. Lockwood, *The Blackcoated Worker*; F. Zweig, *The British Worker; The Worker in an Affluent Society*; O. Banks, *Parity and Prestige in English Secondary Education*; J. E. Floud, A. H. Halsey and F. M. Martin, *Social Class and Educational Opportunity*; J. Bonham, *The Middle Class Vote*; M. Benney, A. P. Gray and R. H. Pear, *How People Vote; Report of the Royal Commission on the Press* (Cmd. 7700); F. Williams, *Dangerous Estate: the Anatomy of Newspapers*; R. Hoggart, *The Uses of Literacy*; B. Paulu, *British Broadcasting: Radio and Television in the United Kingdom*; M. Argyle, *Religious Behaviour*; E. R. Wickham, *Church and People in an Industrial City*; W. G. Friedmann, *Law in a Changing Society*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; R. Glass, *Newcomers*; M. Freedman, *A Minority in Britain*.  
Additional reading lists will be given for class work.

**844. The Social Structure of Modern Britain (Classes).** Classes will be held in connexion with course No. 843 for B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, VIII 6 (Third Year).

**845. The Social Structure of Modern Britain (Classes).** Weekly classes will be held for B.A./B.Sc. (Sociology) students (Option I, 6 and 7a) as follows:

Third Year: Michaelmas and Lent Terms.

**846. Criminology.** Mr. Hall Williams. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Second Year); B.A./B.Sc. (Sociology) Option A, 9 and 10d (Second Year); Diploma in Social Administration (First Year and optional for One-Year students); optional for the Diploma in Social Administration (Overseas option) (First-Year and One-Year students).

**Syllabus.**—Conception of crime. Functions and methods of criminology. Criminal types and causal factors in crime; physical, psychological, social and economic factors. Special problems; juvenile and female delinquency. Penal philosophy and psychology, especially meaning and objects of punishment. Penal history. The modern English penal system and the criminal courts. Problems of crime prevention.

**Recommended reading.**—TEXT BOOKS: H. Jones, *Crime and the Penal System*; E. H. Sutherland, *Principles of Criminology* (6th edn. revised by D. R. Cressey); M. Grünhut, *Penal Reform*; L. W. Fox, *The English Prison and Borstal Systems*; W. A. Elkin, *The English Penal System*; Central Office of Information, *The Treatment of Offenders in Britain, 1960*; U.K. Home Office, *Prisons and Borstals* (Revised edn., 1960).

FURTHER READING: D. R. Taft, *Criminology*; W. C. Reckless, *The Crime Problem; Criminal Behavior*; H. E. Barnes and N. K. Teeters, *New Horizons in Criminology*; G. B. Vold, *Theoretical Criminology*; S. Hurwitz, *Criminology*; H. Mannheim, *Group Problems in Crime and Punishment*; *Social Aspects of Crime in England between the Wars*; H. Mannheim and L. T. Wilkins, *Prediction Methods in Relation to Borstal Training*; H. Mannheim (Ed.), *Pioneers*

in *Criminology*; S. S. and E. T. Glueck, *Unravelling Juvenile Delinquency; Physique and Delinquency; Family Environment and Delinquency*; S. S. Glueck (Ed.), *The Problem of Delinquency*; P. W. Tappan, *Juvenile Delinquency; Crime, Justice and Correction*; A. Aichhorn, *Wayward Youth*; C. L. Burt, *The Young Delinquent*; J. Bowlby, *Forty-four Juvenile Thieves; Maternal Care and Mental Health*; D. H. Stott, *Delinquency and Human Nature; Unsettled Children and their Families*; W. Healy and A. F. Bronner, *New Light on Delinquency and its Treatment*; M. L. Barron, *The Juvenile in Delinquent Society*; A. K. Cohen, *Delinquent Boys: The Culture of the Gang*; T. Ferguson, *The Young Delinquent in his Social Setting*; T. P. Morris, *The Criminal Area*; F. M. Thrasher, *The Gang*; F. Redl and D. Wineman, *Children Who Hate*; H. Bloch and F. Flynn, *The Juvenile Offender in America Today*; G. M. Sykes, *The Society of Captives; Crime and Society*; W. Norwood East, *Society and the Criminal; The Sutherland Papers* (Ed. A. K. Cohen and others); S. Rubin, *Crime and Juvenile Delinquency*; E. Powers and H. Witmer, *An Experiment in the Prevention of Delinquency—The Cambridge-Somerville Youth Study*; B. Wootton, *Social Science and Social Pathology*; W. M. and J. McCord, *Origins of Crime*; R. A. Cloward and L. E. Ohlin, *Delinquency and Opportunity*; G. B. Trasher, *The Explanation of Criminality*; H. Mannheim, *The Dilemma of Penal Reform; Criminal Justice and Social Reconstruction*; S. M. Fry, *Arms of the Law*; R. S. E. Hinde, *The British Penal System*; D. L. Howard, *The English Prisons*; J. F. S. King, *The Probation Service*; N. Morris, *The Habitual Criminal*; M. Grünhut, *Juvenile Offenders Before the Courts*; J. A. F. Watson, *The Child and the Magistrate*; P. W. Tappan (Ed.), *Contemporary Correction*; H. J. Klare, *Anatomy of Prison*; H. Ashley Weeks, *Youthful Offenders at Highfields*; W. E. Cavenagh, *The Child and the Court*; F. H. McClintock and others, *Attendance Centres*; F. H. McClintock and E. Gibson, *Robbery in London*; E. Green, *Judicial Attitudes in Sentencing*; R. Hood, *Sentencing in Magistrates' Courts*; R. G. Andry, *The Short-Term Prisoner*; N. Johnston, L. Savitz, M. E. Wolfgang, *The Sociology of Crime and Delinquency; The Sociology of Punishment and Correction*; J. B. Mays, *Crime and the Social Structure*; T. P. and P. J. Morris, *Pentonville*.

THE FOLLOWING OFFICIAL SOURCES SHOULD BE CONSULTED: Annual Reports of the Commissioners of Prisons and of the Central After-Care Association; U.K. Home Office, *Criminal Statistics* (England and Wales), published annually as command papers; U.K. Home Office, *Reports on the Work of the Children's Department* (occasional). The following Reports: *Royal Commission on Capital Punishment*, 1953 (Cmd. 8932); *Royal Commission on the Law Relating to Mental Illness and Mental Deficiency*, 1957 (Cmd. 169); *Committee on Homosexual Offences and Prostitution*, 1957 (Cmd. 247); *Penal Practice in a Changing Society*, 1959 (Cmd. 645); *Report of the Committee on Children and Young Persons*, 1960 (Cmd. 1191); *Committee on the Probation Service*, 1962 (Cmd. 1650); *Interdepartmental Committee on the Business of the Criminal Courts*, 1961 (Cmd. 1289); U.K. Home Office, Advisory Council on the Treatment of Offenders, *Alternatives to Short Terms of Imprisonment*, 1957; *The After-Care and Supervision of Discharged Prisoners*, 1958; *The Treatment of Young Offenders*, 1959; *Corporal Punishment*, 1960; *Work for Prisoners*, 1961; *Preventive Detention*, 1962; U.K. Home Office, *The Probation Service: its Objects and its Organisation*, 1958; *Time Spent Awaiting Trial*, 1960; *Delinquent Generations*, 1960; *Murder*, 1961; United Nations IV. Social Welfare, 1951-2. *Probation and Related Measures*; The Criminal Justice Act, 1948; The Magistrates' Courts Act, 1952; The Prison Act, 1952, and the Prison Rules; The First Offenders Act, 1959; The Mental Health Act, 1959; The Criminal Justice Act, 1961.

**847. Some Theoretical Aspects of Criminology.** Dr. Little. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Second Year); B.A./B.Sc. (Sociology) Option A, 9 and 10d (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

**848. The Causes and Treatment of Crime (Class).** Weekly classes will be held by Dr. T. P. Morris and Dr. Little in the Lent

Term for students taking B.A./B.Sc. (Sociology) Option A, 9 and 10d (Second Year), and B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Second Year).

**849. Selected Problems of Criminology and Penology.** Dr. T. P. Morris. Twelve lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Third Year); B.A./B.Sc. (Sociology) (Third Year) and for students who have already attended Course No. 846 *Criminology*. Optional for Diploma in Social Administration (Second Year), and Overseas (Second Year).

**Recommended reading.**—As for Course No. 846 above. Further literature will be recommended during the course.

**850. The Causes and Treatment of Crime (Seminar).** Mr. Hall Williams will hold a fortnightly seminar in the Michaelmas and Lent Terms and Dr. T. P. Morris will hold a weekly seminar in the Lent Term for students taking B.A./B.Sc. (Sociology) (Third Year), and B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Third Year).

**851. Elementary Philosophy and Ethics.** Mr. Newfield. Twenty lectures, Michaelmas and Lent Terms.

FIRST TEN LECTURES for B.Sc. (Econ.) Part II—*Social Philosophy*, V 8g; VI 7 and 81 (Second Year).

WHOLE COURSE for B.Sc. (Econ.) Part II—*Social Philosophy*, VIII 5 (Second Year); B.A./B.Sc. (Sociology) Option A, 4 and Option B, 3 (First Year).

**Syllabus.**—This course will describe some of the basic kinds of ethical theory, with reference to the works of the moral philosophers listed below. It will also discuss some problems such as the relation of morals to knowledge, freedom, and the justification of obligation. A modest introduction to general philosophy will be provided, since without this the clear exposition of the ethical theories is not possible.

**Recommended reading.**—(i) OLDER WORKS: Plato, *Republic*; Aristotle, *The Nicomachean Ethics*; J. Butler, *Sermons on Human Nature*; D. Hume, *A Treatise of Human Nature*, being an attempt to introduce the experimental method of reasoning into moral subjects; H. J. Paton, *The Moral Law, or Kant's Groundwork of the Metaphysic of Morals*; J. S. Mill, *Utilitarianism*; G. E. Moore, *Principia Ethica*; L. T. Hobhouse, *The Rational Good*.

(ii) COMMENTARIES AND RECENT WORKS: A. J. Ayer, *Language, Truth and Logic*; C. D. Broad, *Five Types of Ethical Theory*; A. C. Ewing, *The Definition of Good*; R. M. Hare, *The Language of Morals*; J. Hospers, *Human Conduct: An Introduction to the Problems of Ethics*; P. Laslett (Ed.), *Philosophy, Politics and Society*; P. Laslett and W. G. Runciman (Eds.), *Philosophy, Politics and Society* (Second Series); D. M. Mackinnon, *A Study in Ethical Theory*; A. C. R. G. Montefiore, *A Modern Introduction to Moral Philosophy*; H. J. Paton, *The Categorical Imperative: A Study in Kant's Moral Philosophy*; J. P. Plamenatz, *The English Utilitarians*; A. N. Prior, *Logic and the Basis of Ethics*; D. D. Raphael, *The Moral Sense*; W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory*; G. H. von Wright, *The Varieties of Goodness*; H. M. Warnock, *Ethics since 1900*.

Further reading will be recommended during the lectures.

**852. Concepts of Society.** Professor Gellner. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Theories and Methods of Sociology*, VIII 4 (Third Year); B.A./B.Sc. (Sociology) Options A and B 1 (Third Year); graduate students.

**Syllabus.**—Alternative general views of society and man's place in it will be discussed, with special reference to their methodological and ethical implications.

**Recommended reading.**—References for reading will be given during the course.

**853. Modern Social Philosophies.** Professor Gellner. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Social Philosophy*, V 8g; VI 7 and 8l; VIII 5 (Third Year); B.A./B.Sc. (Sociology) Option A, 4 and Option B, 3 (Second Year); B.A. (Philosophy and Economics) (Third Year).

**Syllabus.**—Selected recent or contemporary social philosophies will be discussed.

**Recommended reading.**—References for reading will be given during the course.

**854. Social Philosophy Class.** A fortnightly class will be held in the Lent and Summer Terms for second-year students taking the B.Sc. (Econ.) Part II—*Social Philosophy*, V 8g; VI 7 and 8l; VIII 5.

**855. Social Philosophy Classes.** Classes will be held for all B.A./B.Sc. (Sociology) students as follows:

First Year: Thirteen classes.

Second Year: Ten classes.

Third Year: Ten classes.

**856. General Sociology Classes.** Classes will be held weekly throughout the session for all B.A./B.Sc. (Sociology) students in their second and third years.

**857. Social Research Classes.** Weekly classes will be held in the Lent and Summer Terms for first-year students and in the Michaelmas Term for second-year students taking B.A./B.Sc. (Sociology) Option A, 2 and Option B, 10c.

FOR GRADUATE STUDENTS

**860. Sociology (Seminar).** A seminar will be held by Professor Glass and others, beginning in the middle of the Michaelmas Term.

**861. Theories and Methods of Sociology.** Mr. Bottomore will hold a seminar fortnightly throughout the session.

**862. Criminology (Graduate Seminar).** Mr. Hall Williams will hold a seminar in alternate weeks during the Michaelmas and Lent Terms.

**863. Selected Problems in Social Pathology (Seminar).** Dr. T. P. Morris will hold a fortnightly seminar in the Lent and Summer Terms. It will alternate with Course No. 862, Criminology (Graduate Seminar).

**Syllabus.**—Selected issues in social pathology including crime, the sociology of mental disorder, suicide, alcoholism and addiction.

**Recommended reading.**—Detailed references to selected texts will be given during the course.

**864. Selected Issues in Contemporary Sociology.** Dr. Tropp, Dr. Little, Mr. Holmes and Mr. de Kadt. Michaelmas and Lent Terms (beginning in the fifth week of the Michaelmas Term).

**Syllabus.**—Consideration of the relationship between sociology and psychology in a number of selected areas of theory and empirical research.

**Recommended reading.**—References will be given during the course.

**865. The Social Structure of France.** Dr. Clifford-Vaughan. Ten lectures, Lent Term.

For graduate students in Sociology and Government.

**Syllabus.**—The milieu: natural and political. Population. The French educational system. Rural France. Urban France. Workers and trade unions. Official France: administrative and political personnel. The traditional forces: the Army and the Church.

**Recommended reading.**—R. Aron and others, *Inventaires III. Les classes moyennes*; E. Beau de Loménie, *Les responsabilités des dynasties bourgeoises* (3 vols.); H. Calvet, *La société française contemporaine*; B. Chapman, *The profession of Government: the public service in Europe*; L. Chevalier, *Classes laborieuses et classes dangereuses*; E. R. Curtius, *The civilisation of France, an introduction*; M. Duverger (Ed.), *Partis politiques et classes sociales en France*; J. Fauvet and H. Mendras (Eds.), *Les paysans et la politique dans la France contemporaine*; G. Friedmann, *Le travail en miettes* (13th edn.); R. Girardet, *La société militaire dans la France contemporaine* (1815–1939); M. Halbwachs, *The Psychology of Social Class*; H. Luethy, *France Against Herself* (trans. from the German by E. Mosbacher); R. Métraux and M. Meade, *Themes in French Culture*; C. Morazé, *La France bourgeoise*; A. Siegfried, *France, A study in Nationality*; A. Siegfried and others, *Aspects de la société française*; S. Weil, *La condition ouvrière*.

Additional references for reading will be given during the course.

**866. The Social Structure of Modern Japan.** Mr. Dore. Ten lectures, Michaelmas Term.

For Third-Year and Graduate students of Sociology and Anthropology.

**Syllabus.**—Demographic measurements of the population, the family, village organisation, employment practices and trade unions, social stratification, social mobility, the educational system, political attitudes and organisation. The emphasis will be on change over the last century.

**Recommended reading.**—W. W. Lockwood, *The Economic Development of Japan*; I. B. Taeuber, *The Population of Japan*; R. K. Beardsley and others, *Village Japan*; R. P. Dore, *City Life in Japan*; Y. S. Matsumoto, *Contemporary Japan*; G. R. Storry, *A History of Modern Japan*; R. A. Scalapino and J. Masumi, *Parties and Politics in Contemporary Japan*; N. Ike, *Japanese Politics*; J. C. Abbeglen, *The Japanese Factory*; S. B. Levine, *Industrial Relations in Postwar Japan*; G. C. Allen, *Japan's Economic Recovery*; E. Vogel, *Japan's New Middle Class*.

**867. Modern Japanese Society (Seminar).** Mr. Dore will hold a Seminar in the Michaelmas Term on selected aspects of Japanese social structure.

**868. Land Tenure, Social Change and Economic Development.** Mr. Dore. Four lectures, Michaelmas Term.

**Syllabus.**—Land ownership and political control. Land reform as a reflection of changes in the social structure and as a cause of such changes. The political and social context of recent land reform attempts. The economic consequences of land reform.

**869. Social and Demographic Problems in Medicine.** Dr. Douglas. Six lectures, Lent Term.

For graduate students and optional for B.A./B.Sc. (Sociology) Option I, 8 and 9c (Third Year).

**Syllabus.**—Early studies of environment and health; difficulties of interpretation, some cautionary examples. The pattern of illness and growth related to demographic and social changes. Personal and group prejudices in the epidemiology of illness. High-risk groups in the population, problems of identification. Controlled trials of social prophylaxis and treatment.

**Recommended reading.**—G. W. Brown and J. Wing, *Comparative Clinical and Social Survey of the Mental Hospital* (Soc. Rev. Monog. No. 5, Keele); N. R. Butler and D. G. Bonham, *Perinatal Mortality*; J. W. B. Douglas and J. M. Blomfield, *Children under Five*; H. H. Eckstein, *The English Health Service*; M. Ferguson, *Social and Economic Factors in the Causation of Rickets* (M.R.C. Special Rep. Ser. No. 20, 1918); J. and E. Newson, *Infant Care in an Urban Community*; N. O'Connor and J. Tizard, *The Social Problem of Mental Deficiency*; N. Paton and L. Findlay, *Poverty, Nutrition and Growth* (M.R.C. Special Rep. Ser. No. 101, 1926); J. M. Tanner, *Growth at Adolescence*.

Other references will be given during the course.

**870. Sociology of Conflict.** Mr. de Kadt. Ten lectures, followed by a seminar, Michaelmas and Lent Terms (beginning in the fifth week of the Michaelmas Term). For graduate students. Third-Year undergraduates may attend by permission.

**Syllabus.**—Problems in sociological theory deriving from the opposing approaches of social integration and social conflict. Selected sociological classics from this perspective. Recent developments and current views.

**871. Mathematical Method for Sociologists (Graduate Seminar).** Dr. Morton. This course will not be given in the session 1964-65.

For graduate students of Sociology and Anthropology.

**Syllabus.**—The use of mathematical thinking and techniques in the fields of sociology and anthropology will be discussed.

**Recommended reading.**—J. C. Kemeny and others, *Introduction to Finite Mathematics*; H. A. Simon, *Models of Man*; A. Rapoport, *Fights, Games and Debates*.

**872. Sociology of Education.** Dr. Tropp. Ten lectures followed by seminar, Sessional.

**Syllabus.**—The analysis of educational organisations. Relationships between educational organisations and the wider social structure. Selection, performance and wastage. The transition from education to work.

**Recommended reading.**—A book list will be given at the beginning of the course.

**Note.**—The attention of graduate students specialising in Sociology is drawn to the following seminars:

**248. Regional Problems in Latin America (Seminar).** A joint seminar with the departments of Economics and Geography. Admission by permission.

**601. Problems of Contemporary Socialism (Seminar).** Held by Dr. Miliband in the Lent Term.

**604. Parties, Pressure Groups and the Political Process (Seminar).** Held by Mr. McKenzie and Mr. Pear weekly in the Lent and Summer Terms, for graduate students specialising in Sociology or in Government.

**666. Seminar on Comparative Social Institutions (Western, Oriental and Primitive).** Held by Professor Schapera, Dr. Freedman and Professor MacRae throughout the session.

**989. Design and Analysis of Social Investigations.** Professor Moser, Dr. Oppenheim and Mr. Westergaard, throughout the session.

Reference should also be made to the following sections and courses:—

**Anthropology.**

**Demography.**

**Psychology.**

**Social Science and Administration.**

No. 922.—**Statistical Methods (Sociology).**

No. 946.—**The Nature and Sources of Social Statistics.**

No. 947.—**Survey Methods in Social Investigation.**

STATISTICS, MATHEMATICS, COMPUTATIONAL  
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## STATISTICS, MATHEMATICS, COMPUTATIONAL METHODS AND OPERATIONAL RESEARCH

### (a) MATHEMATICS.

**910. Basic Mathematics.** Professor Allen. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 1 (a) *Basic Mathematics*. Open to others needing an introduction to modern algebra and the calculus; no specific knowledge of elementary mathematics is assumed.

**Syllabus.**—Concepts of sets, groups and fields. The idea of a function. Mappings and transformations with simple examples. The elementary functions (including the exponential function, the logarithmic function and the circular functions), their expansions, derivatives and integrals. Introduction to complex numbers, to vectors and matrices.

**Recommended reading.**—I. Adler, *The New Mathematics*; R. G. D. Allen, *Basic Mathematics*; G. H. Hardy, *Pure Mathematics*; W. W. Sawyer, *Mathematician's Delight* and *Prelude to Mathematics* (Pelican Books); C. J. Tranter, *Advanced Level Pure Mathematics*.

**Further Reading.**—G. Birkhoff and S. MacLane, *A Survey of Modern Algebra*; R. Courant and H. Robbins, *What is Mathematics?*; G. Hadley, *Linear Algebra*; J. G. Kemeny, J. L. Snell and G. L. Thompson, *Introduction to Finite Mathematics*; E. A. Maxwell, *An Analytical Calculus*.

**911. Basic Mathematics Class.** Mr. T. M. F. Smith and Mr. Kalton. Twenty-five classes, Sessional.

The classes will be held in conjunction with Course No. 910.

**912. Intermediate Mathematics.** Mr. Hajnal (day) and Mr. Garside (evening). Twenty lectures, Michaelmas and Lent Terms. (This course will not be given in the evening in 1965–66).

For B.Sc. (Econ.) Part I—Alternative subject 1 (b) *Intermediate Mathematics*.

**Syllabus.**—Limits and series. Derivatives and integrals of functions of one variable and of several variables; extreme values. Series expansions. Complex numbers. Elementary treatment of Gamma and Beta functions.

**913. Intermediate Mathematics Class.** Mr. Hajnal (day) and Mr. Garside (evening). Twenty classes, Sessional (beginning in the third week of the Michaelmas Term).

The Classes will be held in conjunction with Course No. 912.

**914. Mathematics A (Second Year).** Mr. Sargan and Mr. J. J. Thomas. Two hours per week. Sessional.



**915. Mathematics A (Third Year).** Mr. Sargan and Mr. J. J. Thomas.  
One hour per week, Lent Term.

The course for **Mathematics A** extends over two sessions for B.Sc. (Econ.) Part II—  
I 2b or 3l; IV 2c.

**Syllabus.**—Vectors, matrices and quadratic forms. Differential calculus of one and several variables. Stationary values. Lagrange multiplier. Complex numbers. Integral calculus. Series, expansions. Difference and differential equations.

**Recommended reading.**—G. Hadley, *Linear Algebra*; R. G. D. Allen, *Mathematical Analysis for Economists*; T. Gillespie, *Partial Derivatives*; W. Maak, *Introduction to Modern Calculus*.

**916. Mathematics B (Second Year).** Dr. Seber and Mr. T. M. F. Smith. Three hours per week, Sessional.

**917. Mathematics B (Third Year).** Dr. Seber and Mr. T. M. F. Smith. One hour per week, Lent Term.

The course for **Mathematics B** extends over two sessions for B.Sc. (Econ.) Part II—  
I 2c or 3l; IV 2d; IX 3; X 3.

**Syllabus.**—Vector spaces, matrix algebra and quadratic forms. Functions of several variables. Functions of a complex variable. Differential equations; Laplace and other transforms. Difference equations; generating functions. Interpolations and numerical integration.

**Recommended reading.**—G. Hadley, *Linear Algebra*; D. C. Murdoch, *Linear Algebra for Undergraduates*; H. Scheffé, *The Analysis of Variance*, Appendix; E. C. Titchmarsh, *The Theory of Functions*; H. T. H. Piaggio, *Differential Equations*; S. Goldberg, *Introduction to Difference Equations*; K. S. Miller, *Engineering Mathematics*; R. Courant, *Differential and Integral Calculus*, Vols. I and II; H. Freeman, *Mathematics for Actuarial Students*, Part II; E. G. Phillips, *Functions of a Complex Variable*.

(b) STATISTICAL THEORY AND METHOD.

**920. Elementary Statistical Methods.** Professor Moser, Mr. Kalton and Dr. Maunder. Fifteen lectures, Michaelmas and Lent Terms. (This course will be given in both day and evening in 1965–66.)

For B.Sc. (Econ.) Part I—Alternative subject 8 *Methods of Social Investigation*; B.Sc. (Econ.) Part II (Second Year)—*Economic Statistics and Business Accounts*, III 3; IV 3 (First ten lectures), *Elements of Management Mathematics*, IV 2g (Last five lectures); Diploma in Public Administration; optional for the Diploma in Personnel Management.

**Syllabus.**—The analysis and presentation of statistical data. Tables, graphs, and diagrams. Measures of average and dispersion. Calculation of various kinds of index-numbers. Time-series and cross-section data. Elements of association and correlation. Basic ideas of statistical inference.

**Recommended reading.**—R. G. D. Allen, *Statistics for Economists*; A. R. Ileric, *Statistics*; A. Bradford Hill, *Principles of Medical Statistics*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; W. A. Wallis and H. V. Roberts, *Statistics, A New Approach*; B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*.

**921. Elementary Statistical Methods Class.** Dr. Maunder, Mr. T. M. F. Smith and others. Fifteen classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 920.

For B.Sc. (Econ.) Part I—Alternative subject 8 *Methods of Social Investigation* (students to attend all classes); B.Sc. (Econ.) Part II (Second Year)—*Economic Statistics and Business Accounts*, III 3; IV 3 (students to attend classes in Michaelmas Term only); *Elements of Management Mathematics*, IV 2g (students to attend classes in Lent Term only).

**922. Statistical Methods (Sociology).**

(a) Professor Moser and Mr. Kalton. Fifteen hours, Lent and Summer Terms.

For B.A./B.Sc. (Sociology) Option A, 2; Option B, 10c (First Year).

(b) Dr. Maunder and Dr. Quenouille. Ten hours, Michaelmas Term.

For B.A./B.Sc. (Sociology) Option A, 2; Option B, 10c (Second Year).

(c) Mr. Kalton. Ten hours, Lent Term.

For B.A./B.Sc. (Sociology) Option I, 2; Option II, 9c (Third Year).

**Syllabus.**—Collection, definition and tabulation of data. Diagrammatic representation. Analysis of frequency distributions. Averages and measures of dispersion. Index numbers. The elementary theory of regression and correlation. Background of sampling theory. Calculation of sampling errors. The design of samples.

The application of statistical methods to sociological problems.

**Recommended reading.**—R. G. D. Allen, *Statistics for Economists*; L. H. C. Tippett, *Statistics*; A. R. Ileric, *Statistics*; B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*; A. Bradford Hill, *Principles of Medical Statistics*; W. A. Wallis and H. V. Roberts, *Statistics, a New Approach*; L. R. Connor and A. J. H. Morrell, *Statistics in Theory and Practice*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; H. Zeisel, *Say it with Figures*.

**923. Elementary Statistical Theory—I.** Mr. T. M. F. Smith. Twenty lectures, Michaelmas and Lent Terms. (This course will be given in both day and evening in 1965–66.)

For B.Sc. (Econ.) Part I—Alternative subject 2 *Elementary Statistical Theory*; B.Sc. (Econ.) Part II—*Elements of Statistical Theory and Methods*, I 3g, II 3i; IV 2e; X 6 and 7e (Second Year).

**Syllabus.**—Probability and distribution theory. Statistical relationship. Sampling. Estimation and tests of hypotheses. Time series and index numbers.

**Recommended reading.**—J. L. Hodges and E. L. Lehmann, *Basic Concepts of Probability and Statistics*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; P. G. Hoel, *Introduction to Mathematical Statistics* (2nd or 3rd edn.).

**924. Elementary Statistical Theory—I Class.** Dr. Brillinger, Dr. Seber and Mr. T. M. F. Smith. Eighteen classes, Michaelmas and Lent Terms (beginning in the third week of the Michaelmas Term).

The classes will be held in conjunction with Course No. 923.

**925. Elementary Statistical Theory—II.** Mr. Sargan. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Elements of Statistical Theory and Methods*, I 3g; II 3i; IV 2e; X 6 and 7e (Second Year).

**Syllabus.**—Multiple regression theory using matrix algebra. Partial and Multiple correlations.

**Recommended reading.**—C. E. Weatherburn, *A First Course in Mathematical Statistics*, chap. 12; J. Johnston, *Econometric Methods*.

**925(A). Elementary Statistical Theory—II Revision Class.** Mr. Sargan. Ten Classes, Lent Term.

For B.Sc. (Econ.) Part II—*Elements of Statistical Theory and Methods*, I 3g; II 3i; IV 2e; X 6 and 7e (Third Year).

**926. Probability and Distribution Theory.** Professor Durbin and Dr. Seber. Twenty lectures and ten classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Probability, Distribution and Sampling Theory*, IX 4; X 6 and 7c (Second Year); Diploma in Operational Research.

**Syllabus.**—Distribution- and frequency-functions. Moment-generating and characteristic functions. Cumulants. Laws of Large Numbers and Central Limit theorems. Transformations. Order-statistics. The calculus of expectations. Standard errors. Univariate and bivariate normal distribution and associated theory.

**Recommended reading.**—H. Cramér, *The Elements of Probability Theory*; W. Feller, *An Introduction to Probability Theory and its Applications*; D. A. S. Fraser, *Statistics: An Introduction*; A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I.

**927. Statistical Methods.** Dr. Brillinger. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, I 3c; IX 5 (Second Year).

**Syllabus.**—Applications of statistical tests and procedures. Analysis of variance and covariance. General regression and correlation analysis.

**Recommended reading.**—R. A. Fisher, *Statistical Methods for Research Workers*; G. W. Snedecor, *Statistical Methods*; M. H. Quenouille, *Introductory Statistics*; O. L. Davies, *Statistical Methods in Research and Production*.

**928. Statistics Practical Class.** Mr. Garside, Dr. Seber and Mr. T. M. F. Smith. Fifteen classes of one-and-a-half hours, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Practical Examination*, IX; X (Second Year).

**929. Statistics Practical Class.** Dr. Seber and Mr. T. M. F. Smith. Fifteen classes of one-and-a-half hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Practical Examination*, IX; X (Third Year).

**930. Estimation and Tests of Hypotheses.** Professor Durbin. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Probability, Distribution and Sampling Theory*, IX 4; X 6 and 7c (Third Year); optional for Diploma in Operational Research.

**Syllabus.**—Criteria of estimation: consistency, unbiasedness, efficiency, sufficiency, minimum variance. Maximum likelihood estimators and their properties. Least-squares linear estimators: the Gauss-Markov theorem. Tests of simple hypotheses. The Neyman-Pearson lemma. Tests of composite hypotheses. The likelihood-ratio principle. Confidence intervals.

**Recommended reading.**—A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; E. L. Lehmann, *Testing Statistical Hypotheses*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II.

**931. Theory of Statistical Methods.** (a) Dr. Brillinger. Ten lectures, Summer Term for Second-Year students. (b) Dr. Quenouille. Twenty-three lectures, Michaelmas and Lent Terms for Third-Year students.

For B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, I 3c; IX 5.

**Syllabus.**—Applications of normal distribution theory. Theory of least squares. Analysis of variance and covariance. Regression and correlation theory.

**Recommended reading.**—A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* (chaps. 19, 26, 27 and 28); C. E. Weatherburn, *A First Course in Mathematical Statistics*.

**932. Statistical Theory Class.** Professor Durbin. Fifteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Probability, Distribution and Sampling Theory*, IX 4; X 6 and 7c; *Theory of Statistical Methods*, I 3c; IX 5 (Third Year).

### (c) APPLIED STATISTICS

**940. Introduction to Statistical Sources.** Professor Allen. Ten lectures, Michaelmas Term.

**NOTE.**—Further treatments of statistical sources and applications are provided in courses Nos. 946 and 949-53.

For B.Sc. (Econ.) Part II (Second Year)—*Economic Statistics*, I 6a or 8k; II 8c; V 8i; *Economic Statistics and Business Accounts*, III 3; IV 3; *General Statistics*, IX 8; X 8; Diploma in Public Administration.

**Syllabus.**—The main sources of statistics of population, manpower, production, consumption, prices, trade, national income. The nature and limitations of these statistics. Their use in illustrating recent economic movements. Index numbers in practice. The elements of the technique of social surveys.

**Recommended reading.**—E. Devons, *An Introduction to British Economic Statistics*; M. G. Kendall (Ed.), *The Sources and Nature of the Statistics of the United Kingdom*; C. A. Moser, *Survey Methods in Social Investigation*; U.K. Central Statistical Office, *New Contributions to Economic Statistics*; *Monthly Digest of Statistics*, *Annual Abstract of Statistics*, Ministry of Labour Gazette, *Board of Trade Journal* and other official publications; U.K. interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics*; No. 2, *Census Reports of Great Britain, 1801-1931*; No. 4, *Agricultural and Food Statistics*; No. 6, *Census of Production Reports*; London and Cambridge *Economic Bulletin*; *National Institute Economic Review*.

**941. Economic Statistics.** Professor Allen and Dr. Maunder.

(a) Fifteen classes, Lent and Summer Terms (beginning in the sixth week of the Lent Term).

For B.Sc. (Econ.) Part II—*Economic Statistics*, I 6a or 8k; II 8c; V 8i and XIV 2 (option) (Second Year). Students will acquire a knowledge of statistical methods during the course.

(b) Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Statistics and Business Accounts*, III 3 (Third Year). It is assumed that students have some knowledge of simple (non-mathematical) statistical methods.

## (c) Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Statistics and Business Accounts*, IV 3 (Third Year). It is assumed that students have some mathematical background and an acquaintance with elementary statistical methods.

**Syllabus.**—Simple methods of handling economic data; applications of measures of average, dispersion and association and of time series and index numbers. The topics will include manpower and employment, earnings and the cost of living, production and sales, domestic and international trade, national income and the balance of payments.

All students are expected to have attended Course No. 940.

**Recommended reading.**—R. G. D. Allen, *Statistics for Economists*; C. A. Blyth, *The Use of Economic Statistics*; E. Devons, *An Introduction to British Economic Statistics*; A. R. Ilesic, *Statistics*; and the main U.K. official statistical publications.

**942. Economic Statistics Revision Class.** Dr. Maunder. Six classes, Lent Term (beginning in the fifth week).

For B.Sc. (Econ.) Part II—*Economic Statistics*, I 6a or 8k; II 8c; V 8i and XIV 2 (option) (Third Year).

These classes supplement Course No. 941 (a).

**943. Applied Statistics.** Mr. Crossley. Twenty classes, Sessional.

For B.Sc. (Econ.) Part II—*Applied Statistics*, III 8b (Third Year).

**Syllabus.**—The object is to build on Course No. 941 (b) and to make students familiar with the use of statistics in industry and commerce. Students will work on projects involving both the collection of raw data and the adaptation of published statistics, the analysis and interpretation of such data, and the writing of reports presenting the data. The practical aspects of sampling and significance will be included. Mechanical calculating and tabulating equipment will be used.

**Recommended reading.**—Reading will be recommended during the course.

**944. General Statistics I.** Professor Moser and Mr. Kalton. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*General Statistics*, IX 8; X 8 (Second Year).

**945. General Statistics II.** Professor Allen. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*General Statistics*, IX 8; X 8 (Third Year), and graduate students.

**946. The Nature and Sources of Social Statistics.** Professor Moser and others. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, IX 6 and 7e; X 6 and 7d (Third Year); B.A./B.Sc. (Sociology) Option A, 2; Option B, 10c (Second Year); Diploma in Public Administration.

**Syllabus.**—An introduction to the sources and nature of statistics in various fields, including: population and vital statistics; households and families; standards and levels of living; cost of living; health; social security; nutrition; education; crime; housing; labour; income and property.

**Recommended reading.**—References will be given in the course of the lectures.

**947. Survey Methods in Social Investigation.** Professor Moser. Ten lectures and four classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) Option A, 2; Option B, 10c (First Year); B.Sc. (Econ.) Part I, Alternative Subject 8 *Methods of Social Investigation*; B.Sc. (Econ.) Part II—*General Statistics*, IX 8; X 8 (Second Year); Diploma in Operational Research; Diploma in Social Administration (Second and One-Year); Diploma in Public Administration. Also recommended for graduate students.

Classes for B.Sc. (Econ.) Part I—alternative subject 8, *Methods of Social Investigation*.

**Syllabus.**—The nature and evolution of social investigations. Contemporary survey work. Surveys of environment, behaviour and opinions. The planning of surveys. Background of sampling theory. Sample design and sampling techniques. Non-sampling errors and bias. Methods of collecting the data:—documents, observation, mail questionnaires, interviewing. Questionnaire design. The processing, analysis and interpretation of data.

**Recommended reading.**—F. Yates, *Sampling Methods for Censuses and Surveys*; B. S. Rowntree, *Poverty and Progress*; *New Survey of London Life and Labour*; H. Cantril and others, *Gauging Public Opinion*; F. Mosteller (Ed.), *The Pre-Election Polls of 1948*; M. A. Abrams, *Social Surveys and Social Action*; P. Gray and T. Corlett, "Sampling for the Social Survey" (*Journal of the Royal Statistical Society*, 1950); C. Seltiz and others, *Research Methods in Social Relations*; L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioural Sciences*; H. H. Hyman and others, *Interviewing in Social Research*; H. H. Hyman, *Survey Design and Analysis*; C. A. Moser, *Survey Methods in Social Investigation*; F. Edwards (Ed.), *Readings in Market Research*; A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine*.

**948. Social Statistics and Survey Methodology Class.** Professor Moser. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, IX 6 and 7e; X 6 and 7d (Third Year). Recommended for graduate students.

**949. Labour Statistics.** Professor Moser and Mr. Crossley. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, IX 6 and 7e; X 6 and 7d (Second Year); Optional for *Economic Statistics*, I 6a or 8k; II 8c, V 8i (Third Year); *Econometrics*, IX 6 and 7c (Second Year); Diploma in Personnel Management. Recommended for graduate students.

**Syllabus.**—Statistics of employment and unemployment, wages, earnings and cost of living. Special problems such as absenteeism, labour turnover, short-time and overtime working, manpower forecasting.

**Recommended reading.**—U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics* (H.M.S.O.); *Statistics on Incomes, Prices, Employment and Production* (H.M.S.O.); *Ministry of Labour Gazette*; E. Devons, *British Economic Statistics*; H. A. Turner, "Measuring Unemployment" (*Journal of the Royal Statistical Society*, Series A, Vol. 118, 1955); E. Devons and J. R. Crossley, *The Guardian Wage Indexes*; A. L. Bowley, *Wages and Income in the United Kingdom since 1860*; "Wages, Earnings and Hours of Work, 1914-1947" (*London and Cambridge Economic Service, Special Memorandum No. 50*); H. Silcock, "The Phenomenon of Labour Turnover" (*Journal of the Royal Statistical Society*, Series A, Vol. 117, 1954); K. F. Lane and J. E. Andrew, "A Method of Labour Turnover Analysis" (*Journal of the Royal Statistical Society*, Series A, Vol. 118, 1955); *Cost-of-Living Statistics* (I.L.O., 1947); *Employment, Unemployment and Labour Force Statistics* (I.L.O., 1948); *Wages and Payroll Statistics* (I.L.O., 1949); *Population Census Methods* (U.N.O., 1949); *London and Cambridge Economic Service, Memoranda and Bulletins*; *Method of Construction and Calculation of the Index of Retail Prices* (Studies in Official Statistics No. 6, H.M.S.O.); S. J. Prais, "Some Problems in the Measurement of Price Changes with special reference to the Cost of Living" (*Journal of the Royal Statistical Society*, Series A, Vol. 121, 1958); E. v. Hofsten, *Price Indexes and Quality Changes*; *Reports of Cost of Living Advisory Committee* (B.P.P. 1946-47, Vol. X, and 1950-51, Vol. XI, Cmd. Nos. 7077, 8328, 8481).

**950. National Income.** Mr. Crossley and Dr. Maunder. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Econometrics* IX 6 and 7c (Second Year students); *Economic Statistics* I 6a or 8k; II 8c; V 8i; and XIV 2 (option) (Second or Third Year). Recommended for graduate students.

**Syllabus.**—The concept, measurement and distribution of the national income and capital. Capital formation and consumption; stock appreciation. Measurements in money and real terms. Trends and the means of obtaining an up-to-date picture. Index numbers of output and prices. Sources of information: taxation, censuses of population, production, distribution and earnings, company reports, sample inquiries, government accounts.

**Recommended reading.**—H. Campion *Public and Private Property in Great Britain*; G. W. Daniels and H. Campion, *The Distribution of National Capital*; H. F. Lydall, *British Incomes and Savings*; G. F. Shirras and L. Rostas, *The Burden of British Taxation*; T. Barna, *Redistribution of Incomes through Public Finance in 1937*; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*; A. M. Cartter, *The Redistribution of Income in Post-war Britain*; United Kingdom Central Statistical Office, *National Income Statistics: Sources and Methods*; United Nations Studies, Series F. No. 8, *Methods of National Income Estimation*; O.E.E.C., M. Gilbert and others, *Comparative National Products and Price Levels (1958)*; International Association for Research in Income and Wealth, *Income and Wealth*, Series I and VIII; R. Marris, *Economic Arithmetic*. Also current official publications and periodicals.

Further reading will be recommended during the course.

**951. Production Statistics.** Mr. Crossley. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Econometrics*, IX 6 and 7c; optional for *Economic Statistics* I 6a or 8k; II 8c; V 8i (Third Year). Recommended for graduate students.

**Syllabus.**—The scope and uses of production statistics. Census of production data. Index-numbers of industrial production. The measurement of productivity in the industrial sector. Some problems in the measurement of output and productivity in the non-industrial sector.

**Recommended reading.**—*Report of the Census of Production Committee* (Cmd. 6687); *Report of the Committee on the Censuses of Production and Distribution* (Cmd. 9276); U.K. Board of Trade, *Census of Production Reports*; U.K. Central Statistical Office, *Standard Industrial Classification* (Revised, 1958) (2nd edn.); United Nations Statistical Office, *Statistical Papers*, Series M, No. 17/Rev. 1, *International Recommendations in Basic Industrial Statistics: A Guide to Objectives and Definitions*; U.K. Central Statistical Office, *Studies in Official Statistics* No. 7, *The Index of Industrial Production: Method of Compilation* (1959); "The Index of Industrial Production: Change of Base Year to 1958" (*Economic Trends*, No. 101, March 1962); *Board of Trade Journal*; C. F. Carter, W. B. Reddaway and R. Stone, *The Measurement of Production Movements*; R. C. Geary, "The Concept of National Volume of Output, with special reference to Irish Data" (*Journal of the Royal Statistical Society*, Vol. 107 1944); K. S. Lomax, "Production and Productivity Movements in the United Kingdom since 1900" (*Journal of the Royal Statistical Society*, Series A, Vol. 122, 1959); O.E.C.D. General Statistics, *Statistical Bulletins, Definitions and Methods* Part I, *Industrial Production* (3rd edn., 1958); United Nations Statistical Office, *Statistical Papers* Series F, No. 1, *Index Numbers of Industrial Production*, *Studies in Methods* No. 1; National Bureau of Economic Research, *Studies in Income and Wealth*, Vol. 25, *Output, Input and Productivity Measurement*; L. Rostas, *A Report on International Comparisons of Productivity in British and American Manufacturing Industry*.

**952. International Trade and Balance of Payments.** Professor Allen. Seven lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Econometrics*, IX 6 and 7c; Optional for *Economic Statistics*, I 6a or 8k; II 8c; V 8i (Third Year). Recommended for graduate students.

**Syllabus.**—International trade in goods and services, international lending and international transfers. The importance of international trade to the United Kingdom and the relation of the balance of payments to the national income accounts. Terms of trade, indices of prices and volume of trade.

**Recommended reading.**—U.K. Board of Trade, *Monthly and Annual Accounts relating to the Trade of the United Kingdom*; U.K. Balance of Payments, 1946–1957 and annually from 1963; U.K. Central Statistical Office, *Economic Trends* (March 1963 and quarterly thereafter); International Monetary Fund, *Balance of Payments Year-Book*; U.K. Central Statistical Office, "The Compilation of the U.K. Balance of Payments", "Overseas Sterling Holdings" and "Statistics of the U.K. Balance of Payments" in *New Contributions to Economic Statistics*; R. G. D. Allen and J. E. Ely (Eds.), *International Trade Statistics*.

**953. Time Series and Forecasting.** Mr. J. J. Thomas. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Econometrics*, IX 6 and 7c; optional for *Economic Statistics*, I 6a or 8k; II 8c; V 8i (Third Year). Recommended for graduate students.

**Syllabus.**—The problems involved in using economic data. The adjustment of time series: smoothing, trend removal, seasonal adjustment, interpolation and extrapolation. Autocorrelation. The relationships between economic time series; cross correlation. Applications of time series techniques to forecasting problems.

**Recommended reading.**—A reading list will be available at the beginning of the course.

**954. Econometrics (Class).** Mr. Sargan. Ten classes, Lent Term.

For B.Sc. (Econ.) Part II—*Econometrics*, IX 6 and 7c (Third Year).

**955. Sample Survey Theory.** Mr. Kalton. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, IX 6 and 7e, X 6 and 7d (Second Year); optional for *Theory of Statistical Methods*, I 3c; IX 5. Recommended for graduate students.

**Syllabus.**—Simple random sampling; stratification; multi-stage sampling. Optimum allocation for given cost function. Selection with unequal probabilities. Ratio and regression estimates.

**Recommended reading.**—F. Yates, *Sampling Methods for Censuses and Surveys*; W. G. Cochran, *Sampling Techniques*; W. E. Deming, *Sample Design in Business Research*; M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory*; A. Stuart, *Basic Ideas of Scientific Sampling*; M. R. Sampford, *An Introduction to Sampling Theory*.

**956. Compound Interest.** Mr. Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Actuarial Statistics*, IX 6 and 7a (Second Year). Optional for students specialising in Accounting.

**Syllabus.**—An introduction to the Annuity Certain, Valuation of Redeemable Securities, Sinking Funds; the determination of interest rates in given transactions and continuous growth.

**Recommended reading.**—D. W. A. Donald, *Compound Interest and Annuities-Certain*; R. E. Underwood, *Elements of Actuarial Science*.

**957. Life Contingencies.** Mr. Haycocks. Ten hours, Lent Term.

For B.Sc. (Econ.) Part II—*Actuarial Statistics*, IX 6 and 7a (Second Year students).  
Optional for students specialising in Accounting.

**Syllabus.**—Elementary Life Contingencies. Introduction to Exposed to Risk formulae and the Construction of Life Tables.

**Recommended reading.**—R. E. Larson and E. A. Gaumnitz, *Life Insurance Mathematics*; P. F. Hooker and L. H. Longley-Cook, *Life and other Contingencies*, Vol. 1; J. L. Anderson and J. B. Dow, *Actuarial Statistics*, Vol. II.

**958. Actuarial Statistics.** Mr. Haycocks. Twenty hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Actuarial Statistics*, IX 6 and 7a (Third Year). Optional for students specialising in Accounting.

**Syllabus.**—Exposed to Risk formulae; theory of Multiple Decrements; Construction of Select Mortality and Multiple Decrement Tables; Comparison of Mortality and other Experiences; Graduation; English Life Tables.

Students will be expected to have attended Course No. 957.

**Recommended reading.**—P. F. Hooker and L. H. Longley-Cook, *Life and other Contingencies*, Vol. II; H. Tetley, *Actuarial Statistics*, Vol. I; J. L. Anderson and J. B. Dow, *Construction of Mortality and other Tables (Actuarial Statistics, Vol. II)*; N. L. Johnson and H. Tetley, *Statistics*, Vol. II. Chap. 17; W. G. Bailey and H. W. Haycocks, *Some Theoretical Aspects of Multiple Decrement Tables*; Registrar General's Decennial Supplements (Life Tables), 1931 and 1951.

**(d) COMPUTATIONAL METHODS****960. Computer Programming.** Mr. Garside. Fifteen lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, IX 6 and 7d (i); X 5; *Data Processing including Elements of Accounting*, X 6 and 7b; *Practical Examination*, X (Second Year).

**Syllabus.**—The principles of computer programming. Automatic programming AUTOCODER and FORTRAN IV. Examples from numerical analysis and statistics.

**Recommended reading.**—R. K. Livesley, *Automatic Digital Computers*; M. V. Wilks, *Automatic Digital Computers*; P. Wegner, *An Introduction to Symbolic Programming*; D. McCracken, *A Guide to Fortran Programming*; IBM Systems Reference Library C24-3155, *Fortran IV for IBM 1440*.

Further reading will be suggested during the course.

**961. Computer Programming Class.** Mr. Garside. Ten classes, Lent Term.

The classes will be held in conjunction with Course No. 960.

**962. Numerical Analysis.** Dr. Foster and Mr. Garside. (a) Fifteen lectures, Lent and Summer Terms for Second-Year students. (b) Ten lectures, Michaelmas Term for Third-Year students.

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, IX 6 and 7d (i); X 5; *Practical Examination*, X.

**Syllabus.**—Interpolation, quadrature, solution of simultaneous linear equations, inversion of matrices. Iterative methods for solving non-linear equations. Error analysis. Monte-Carlo methods.

**Recommended reading.**—K. L. Nielsen, *Methods in Numerical Analysis*; A. D. Booth, *Numerical Methods*; D. R. Hartree, *Numerical Analysis*; H.M. Stationery Office, *Interpolation and Allied Tables*.

**963. Computational Methods Practical Class.** Dr. Foster and Mr Garside. One hour per week, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Practical Examination*, X (Third Year).

**Recommended reading.**—Mercury Autocode Manual (2nd ed., June 1963); W. L. B. Nixon, *A CHLF3 Glossary*.

**964. Data Processing.** Mr. Flower. Twelve hours, Lent Term, or twelve hours, Summer Term.

For B.Sc. (Econ.) Part II—*Data Processing including Elements of Accounting*, X 6 and 7b; *Elements of Management Mathematics*, IV 2g (Second Year); Diploma in Operational Research and graduate students, Summer Term. For B.Sc. (Econ.) Part II—*Elements of Management Accounting*, IV 2g (Third Year), Lent Term.

**Syllabus.**—Introduction to digital computers and programming. Applications of computers to accounting systems and business problems, with practical examples.

**Recommended reading.**—A. J. Burton and G. R. Mills, *Electronic Computers and their Business Applications*; T. W. McRae, *Introduction to Business Computer Programming*.

**965. Introduction to Management Mathematics.** Dr. Foster. Fifteen lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Elements of Management Mathematics*, IV 2g; *Management Mathematics*, IX 6 and 7d (ii), X 4; *General Statistics*, IX 8; X 8 (Second Year).

**Syllabus.**—An introduction to mathematical techniques applied to problems of decision-making in business and industry. Topics treated will include: set theory, critical path analysis, flow diagrams, probability, simulation, decision theory, queues, stock control, mathematics of finance and accounting, linear programming and games theory.

**Recommended reading.**—J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications*; B. W. Dean, M. W. Sasieni and S. K. Gupta, *Mathematics for Modern Management*.

**966. Management Mathematics.** Dr. Foster. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Management Mathematics*, IX 6 and 7d (ii), X 4; optional for *Elements of Management Mathematics*, IV 2g; *Practical Examination*, X (Third Year); and Diploma in Operational Research.

**Syllabus.**—Replacement theory. Inventory Control. Queueing theory. Dynamic Programming. Computer simulation of complex organisations.

**Recommended reading.**—A. S. Manne, *Economic Analysis for Business Decisions*; M. Sasieni, A. Yaspán and L. Friedman, *Operations Research*; R. B. Fetter and W. C. Dalleck, *Decision Models for Inventory Management*; Massachusetts Institute of Technology, Operations Research Center, *Notes on Operations Research*; R. A. Howard, *Dynamic Programming and Markov Processes*.

**967. Management Mathematics Class.** Dr. Foster. Ten classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 966.

## (e) OPERATIONAL RESEARCH

970. **Mathematical Programming.** Dr. Land and others. Fifteen lectures, Michaelmas and Lent Terms.

**Whole course** for B.Sc. (Econ.) Part II—*Management Mathematics*, IX 6 and 7dii; X 4. **First ten lectures** optional for B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8b; III 8d; IV 2f (Third Year); IX 1b; X 1b (Second Year); *Econometrics* IX 6 and 7c; *General Statistics*, IX 8; X 8 (Second Year); *Elements of Management Mathematics*, IV 2g (Third Year).

**Syllabus.**—The first ten lectures of this course are intended to acquaint students with the formulation of linear programming problems and the properties of their solutions, and to draw attention to their relationship to economic theory. The remaining five lectures (for Management Mathematics students), will be concerned with techniques of solution and formulation of special problems. A familiarity with simple matrix algebra will be assumed.

**Recommended reading.**—G. Hadley, *Linear Programming*; S. Vajda, *Readings in Linear Programming*; *An introduction to Linear Programming and the Theory of Games*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*.

971. **Mathematical Programming Class.** Dr. Land and others. Twenty classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 970.

972. **Mathematical Programming, Graduate Course.** Dr. Land and others. Twenty lectures, Michaelmas and Lent Terms.

For Diploma in Operational Research and graduate students.

**Syllabus.**—Basic formulations and theorems of mathematical programming: convex point sets, linear and non-linear objective functions. Basic methods of solution. Existence theorems. Special problems. Applications in operational research and economics.

**Recommended reading.**—G. Hadley, *Linear Programming*; S. Vajda, *Readings in Linear Programming*; *Mathematical Programming*; D. Gale, *The Theory of Linear Economic Models*.

973. **Mathematical Programming, Graduate Class.** Dr. Land and others. Twenty classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 972.

974. **Theory of Games.** Mr. Peston. Five lectures, Lent Term.

For Diploma in Operational Research and graduate students. Optional for B.Sc. (Econ.) Part II—*General Statistics*, IX 8; X 8; *Econometrics*, IX 6 and 7c; *Economics Treated Mathematically*, I 8b; III 8d; IV 2f; IX 1b; X 1b (Third Year).

**Syllabus.**—The principles of games theory. Zero-sum two-person games in extended and normal form. The minimax principle and its application. Variable sum games and imperfect competition.

**Recommended reading.**—R. D. Luce and H. Raiffa, *Games and Decisions*; J. C. C. McKinsey, *Introduction to the Theory of Games*; M. Shubik, *Strategy and Market Structure*; T. C. Schelling, *The Strategy of Conflict*; A. Rapoport, *Fights, Games and Debates*.

975. **Economics for Operational Research.** Mr. Peston, Ten lectures, Lent Term.

For Diploma in Operational Research.

**Syllabus.**—An introduction to the principles of economic theory for students who have some familiarity with mathematics and operational research.

**Recommended reading.**—A reading list will be provided at the beginning of the course.

976. **Selected Topics in Operational Research.** Dr. Foster, Dr. Land and others. Ten lectures, Lent Term.

For Diploma in Operational Research. Recommended for graduate students.

**Syllabus.**—In this course a number of theoretical problems arising in Operational Research will be discussed, and several case histories will be presented. It is intended for students having a preliminary acquaintance with the subject.

**Recommended reading.**—References to current literature will be provided during the course.

977. **Tutorial Class in Operational Research.** Dr. Foster and Dr. Land. Sessional.

For Diploma in Operational Research.

**Note:** The attention of students taking the Diploma in Operational Research is drawn to the following courses held at Imperial College:—

**Industrial Engineering.** Dr. Eilon. Forty lectures, Sessional.

**Work Study.** Mr. Hall and Mr. King. Ten lectures, Michaelmas Term.

## (f) GRADUATE COURSES, SEMINARS AND CLASSES

980. **Time-Series Analysis.** Professor Durbin. Ten lectures, Michaelmas Term.

**Syllabus.**—Stationarity. Autocorrelation. Time-series models, including autoregressive and moving-average models. The fitting of time-series models. Trend and periodic components. Periodogram and spectral analysis.

**Recommended reading.**—E. J. Hannan, *Time Series Analysis*; M. G. Kendall, *The Advanced Theory of Statistics*, Vol. II; H. Wold, *A Study in the Analysis of Stationary Time Series* (2nd edn.).

981. **Advanced Statistical Methods for Econometrics.** Professor Durbin. Fifteen lectures, Lent and Summer Terms.

**Syllabus.**—Regression methods for single-equation and simultaneous-equation models. Limited-information and full-information methods. Two-stage and three-stage least squares. The fitting of time-series regression models.

**Recommended reading.**—M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* (2 Vols.); W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method*; H. Theil, *Economic Forecasts and Policy*; R. L. Anderson and T. A. Bancroft, *Statistical Theory in Research*; J. Johnston, *Econometric Methods*.

982. **Introduction to Measure Theory.** Mr. T. M. F. Smith. Ten lectures, Summer Term.

**Syllabus.**—Sets. Measurable sets. Theory of Measure and Integration. Axioms of Probability. Expectations. Some Theorems.

**Recommended reading.**—M. E. Munroe, *Introduction to Measure and Integration*; H. Cramér, *Mathematical Methods of Statistics*, Chaps. 1-9; A. N. Kolmogorov, *Foundations of the Theory of Probability*; P. R. Halmos, *Measure Theory*; M. Loève, *Probability Theory*.

**983. Probability and Stochastic Processes.** Dr. Foster and Mr. Hajnal. Thirty lectures, Sessional.

For graduate students and for Diploma in Operational Research.

**984. Statistical Inference.** Dr. Brillinger. Thirty lectures, Sessional.

**Syllabus.**—Estimation theory. Unbiasedness, minimum variance, sufficiency, completeness, maximum likelihood. The theory of testing hypotheses. Confidence intervals. Inference for linear models. Decision theory. Bayesian methods. Likelihood. Tests of fit. Distribution-free methods. Sequential methods.

**Recommended reading.**—M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II; H. Cramér, *Mathematical Methods of Statistics*; S. S. Wilks, *Mathematical Statistics*; E. L. Lehmann, *Testing Statistical Hypotheses*.

**985. Statistical Theory Class.** Professor Durbin and Dr. Brillinger will hold a fortnightly class throughout the session.

**986. Statistical Analysis, Practical Class.** Mr. Garside and others will hold a series of classes throughout the session.

Projects will be given for students to work upon in their own time. The results from these will subsequently be discussed.

**987. Multivariate Analysis.** Dr. Wagle. Twenty lectures, Michaelmas and Lent Terms.

**Syllabus.**—Multivariate distributions. Tests of significance and inference in multivariate analysis. Component analysis. Discriminant analysis. Canonical analysis, multivariate analysis of variance. Factor analysis. Multivariate time series. Some applications in econometrics.

**Recommended reading.**—D. N. Lawley and A. E. Maxwell, *Factor Analysis and Statistical Method*; T. W. Anderson, *Introduction to Multivariate Statistical Analysis*; M. G. Kendall, *Multivariate Analysis*; C. R. Rao, *Advanced Statistical Methods in Biometric Research*; L. Thurstone, *Multiple Factor Analysis*; M. H. Quenouille, *The Analysis of Multiple Time Series*; W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method*.

**988. Experimentation.** Dr. Quenouille. Fifteen lectures, Michaelmas and Lent Terms. (This course will be given at Imperial College.)

For graduate students and for Diploma in Operational Research.

**Syllabus.**—Principles of experimental design. Randomised blocks. Latin squares. Incomplete blocks. Paired comparisons. Factorial designs. Confounding. Fractional replication. Evolutionary operation. Analysis and interpretation of experimental results. Experimental complications and special analyses.

**Recommended reading.**—R. A. Fisher, *The Design of Experiments*; W. G. Cochran and G. M. Cox, *Experimental Designs*; O. L. Davies and others, *The Design and Analysis of Industrial Experiments*.

**989. Design and Analysis of Social Investigations.** Professor Moser, Dr. Oppenheim and Mr. Westergaard. One-and-a-half hours per week, Michaelmas and Lent Terms.

Students are referred also to Courses No. 711 and 947.

For first-year graduate students in Sociology, Statistics, Psychology, etc. Attendance by arrangement with Professor Moser.

**Syllabus.**—The main problems arising in the design of social investigations, the collection of the data, and the analysis and interpretation of the results.

**Recommended reading.**—Detailed recommendations will be made during the course, but the following may be regarded as background reading: C. Selltitz and others, *Research Methods in Social Relations*; L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioural Sciences*; H. H. Hyman and others, *Interviewing in Social Research*; H. H. Hyman, *Survey Design and Analysis*; C. A. Moser, *Survey Methods in Social Investigation*; S. Payne, *The Art of Asking Questions*.

**990. Statistical Techniques in Survey Analysis.** Mr. Kalton. Fifteen lectures, Lent and Summer Terms.

For first-year graduate students in Sociology, Statistics, Psychology, etc. It will be assumed that students have a knowledge of statistics to the standard of Course No. 920.

**Syllabus.**—Elements of probability. Principles of experimental design. Analysis of variance and co-variance. Correlation techniques. Multiple regression. Distribution-free tests.

**Recommended reading.**—D. R. Cox, *Planning of Experiments*; M. J. Moroney, *Facts from Figures*; H. M. Walker and J. Lev, *Statistical Inference*; M. H. Quenouille, *Associated Measurements*; W. L. Hays, *Statistics for Psychologists*; A. E. Maxwell, *Analysing Qualitative Data*; J. L. Hodges and E. L. Lehmann, *Basic Concepts of Probability and Statistics*; M. J. Hagood and D. O. Price, *Statistics for Sociologists*.

**991. Statistical Methods in Accounting.** Mr. T. M. F. Smith. Ten hours, Lent and Summer Terms.

For first-year graduate students in Accounting.

**992. An Introduction to Multiple Regression and Correlation.** Mr. J. J. Thomas. Ten lectures, Lent Term.

For graduate students and others interested. The course will assume the material in courses Nos. 27 and 923 as background.

**Syllabus.**—The extension of linear regression analysis to multiple regression problems. Least square regression. Partial correlation. Multiple correlation. Estimation and tests of hypotheses. Applications of multiple regression theory to empirical work in economics.

**Recommended reading.**—Reading will be suggested during the course.

**993. Statistics Seminar.** Professor Allen, Professor Durbin and Professor Moser will hold a fortnightly seminar throughout the session. Admission will be by permission of Professor Allen, Professor Durbin or Professor Moser.

**994. Operational Research Seminar.** (This seminar will not be given in the session 1964-65).

For Diploma in Operational Research.

**995. Joint Statistics Seminar.** A fortnightly seminar on statistical theory and its applications will be held in conjunction with Birkbeck College, Imperial College and University College throughout the session. Further information about the seminar may be obtained from Professor Durbin.

PART IV  
PUBLICATIONS OF THE SCHOOL



## PUBLICATIONS OF THE SCHOOL

### i. *Economica*

*Economica* is published by the School quarterly, in February, May, August and November. It is devoted to research in economics, economic history and statistics, and is under the direction of an Editorial Board composed of the Director of the School, Professor R. G. D. Allen, Professor P. T. Bauer, Professor W. T. Baxter, Professor E. H. Phelps Brown, Professor E. Devons, Professor H. C. Edey, Professor F. J. Fisher, Professor F. W. Paish, Professor A. W. Phillips, Professor Sir Arnold Plant, Lord Robbins, Professor R. S. Sayers and Professor B. S. Yamey (Acting Editor), with Dr. B. A. Corry as Assistant Editor. In the field defined the Editorial Board welcomes the offer of contributions of a suitable nature from investigators, whether British or foreign. If an accepted contribution is written in a language other than English a translation fee will be deducted from the payment made to the contributor.

In addition to authoritative articles on subjects falling within the scope of the journal, each issue also contains a section devoted to reviews of current literature.

The price of *Economica* is 15s. per issue or £2 2s. per annum, post free. A specially reduced rate of £1 15s. per annum is offered to registered students of the School. The prices of back numbers in both the Old and the New Series will be quoted on application.

All enquiries including editorial and business communications should be addressed to *Economica* Publishing Office, The London School of Economics.

### ii. *The British Journal of Sociology*

*The British Journal of Sociology* is published quarterly for the School by Routledge and Kegan Paul, Ltd. The Managing Editor is Professor D. G. MacRae, to whom all editorial communications should be addressed. The Editorial Board consists of Professor Ginsberg, Professor Glass, Professor T. H. Marshall, Professor Schapera and Professor Titmuss. Its aims are to provide a medium for the publication of original researches in the fields of sociology, social psychology and social philosophy; for critical studies or discussions in the various fields of inquiry; for

surveys of developments and literature in specific fields; and for book reviews.

The Journal seeks to secure the co-operation of scholars in other countries; to serve as an international focus; and to further the development of comparative studies in the fields indicated.

The price of *The British Journal of Sociology* is 12s. 6d. per issue or £2 per annum, four issues, post free. Subscriptions direct to Routledge and Kegan Paul, Ltd., 68, Carter Lane, London, E.C.4. The subscription rate for Members of the British Sociological Association is 30s. per annum.

### iii. The British Journal of Industrial Relations

The *British Journal of Industrial Relations* is published by the School in March, July and November. The Editor is Professor B. C. Roberts and the Assistant Editors are Mr. J. H. Smith and Mr. K. E. Thurley. The Editorial Committee includes Sir Sydney Caine, Professor E. H. Phelps Brown, Professor O. Kahn-Freund, Professor D. G. MacRae, Professor C. A. Moser, Mr. W. Pickles, Miss B. N. Seear (London School of Economics and Political Science); Mr. A. Flanders (Oxford University); Mr. T. Lupton (Birmingham College of Advanced Technology); Professor D. J. Robertson (University of Glasgow); Professor H. A. Turner (Cambridge University) and Mr. E. Trist (Tavistock Institute of Human Relations).

The *British Journal of Industrial Relations* publishes articles concerned with the institutional and human aspects of industrial relations; labour statistics and economics; the application of psychology and sociology to personnel problems; the legal and political aspects of labour relations. Contributions from overseas are welcome.

Each issue contains a chronicle of recent events in the field of industrial relations and a book review section.

The price of the *British Journal of Industrial Relations* is 15s. od. per issue or £2 2s. od. for one year, £6 for three years. Overseas: 16s. od., £2 5s. od., £6 10s. od. U.S.A.: \$2.50, \$6.50, \$18.00, respectively; all post free.

### iv. Publications of the School (New Series)

The following publications have been published for the School by Longmans, Green & Co., Ltd., from whom copies can be obtained:—

**Reason and Unreason in Society.** By Professor M. GINSBERG, M.A., D.Lit. 1947; *Reprinted* 1949; viii, 328 pp. Cloth, 15s. net. (*Out of print.*)

**The Rubber Industry—A Study in Competition and Monopoly.** By P. T. BAUER, M.A. 1948; xiv, 404 pp. Cloth, 25s. net.

**Theories of Welfare Economics.** By HLA MYINT, Ph.D. 1948; xiv, 240 pp. Cloth, 15s. net. (*Out of print.*)

**Central Planning and Control in War and Peace.** By Sir OLIVER FRANKS, K.C.B. 1947; *Reprinted* 1948; 61 pp. 2s. 6d. net. Paper Cover. (*Out of print.*)

**Sociology at the Crossroads.** By Professor T. H. MARSHALL, M.A. 1947; 28 pp. 1s. 6d. net. Paper Cover. (*Out of print.*)

**Five Lectures on Economic Problems.** By Professor G. J. STIGLER, Ph.D. 1949; vi, 65 pp. Cloth, 7s. 6d. net.

**British Broadcasting—A Study in Monopoly.** By R. H. COASE, B.Com. 1950; x, 206 pp. Cloth, 12s. 6d. net.

**London Essays in Geography** (Rodwell Jones Memorial Volume). Edited by Professor L. DUDLEY STAMP and Professor S. W. WOOLDRIDGE. 1951; xiv, 351 pp. Cloth, 25s. net. (*Out of print.*)

**The Habitual Criminal.** By NORVAL MORRIS, LL.M., Ph.D. 1951; ix, 384 pp. Cloth, 27s. 6d. net.

**Welfare Economics and the Theory of the State.** By Professor WILLIAM J. BAUMOL, Ph.D. 1952; vii, 171 pp. Cloth, 21s. net. (*Out of print.*)

**Democracy and Foreign Policy.** By R. BASSETT, M.A. 1952; xxiv, 654 pp. Cloth, 42s. net.

The following publications have been published for the School by G. Bell & Sons, Ltd., from whom copies can be obtained:—

**Political Systems of Highland Burma: A Study of Kachin Social Structure.** By E. R. LEACH, M.A., Ph.D. 1954; xii, 324 pp. Cloth, 35s. net. *Reprinted* with new introductory note by the author, 1964; xviii, 342 pp. Paper Cover, 21s. net.

**The Contracts of Public Authorities: A Comparative Study.** By J. D. B. MITCHELL, LL.B., Ph.D. 1954; xxxii, 256 pp. Cloth, 25s. net.

**The Origin of the Communist Autocracy.** By L. B. SCHAPIRO 1955; *Reprinted* 1956; xvii, 397 pp. Cloth, 35s. net.

**Capital and its Structure.** By L. M. LACHMANN. 1956; xi, 130 pp. Cloth, 15s. net. (*Out of print.*)

**Trade Union Government and Administration in Great Britain.** By B. C. ROBERTS. 1956; *Reprinted* 1957; vi, 570 pp. Cloth, 31s. 6d. net. (*Out of print.*)

**French Banking Structure and Credit Policy.** By J. S. G. WILSON. 1957; viii, 453 pp. Cloth, 45s. net. (*Out of print.*)

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**British Monetary Experiments, 1650-1710.** By J. KEITH HORSEFIELD. 1960; xix, 344 pp. Cloth, 45s. net.

**Samuel Bailey and the Classical Theory of Value.** By R. M. RAUNER. 1961; vii, 162 pp. Cloth, 30s. net.

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**Opinion on Bank Rate, 1822-60.** By A. B. CRAMP. 1962; xi, 118 pp. Cloth, 25s. net.

**From Dependent Currency to Central Banking in Ceylon: An Analysis of Monetary Experience, 1825-1957.** By H. A. DE S. GUNASEKERA. 1962; xi, 324 pp. Cloth, 45s. net.

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**Government in Rural India: An Introduction to Contemporary District Administration.** By DAVID C. POTTER. 1964; x, 104 pp. Cloth, 21s. net.

**v. Books Sponsored by the School (Old Series)  
Studies in Economics and Political Science**

(*Volumes out of print are not included below; for a complete list of the Series see the Calendar, 1936-7*)

**61. The Industrial and Commercial Revolutions in Great Britain during the Nineteenth Century.** By LILIAN C. A. KNOWLES, Litt.D., Dublin; M.A., LL.M., Girton College, Cambridge; late Professor of Economic History in the University of London. Fourth edn. revised, 1926; xii, 416 pp., Demy 8vo, cloth. 15s. net.

*Routledge and Kegan Paul Ltd.*

**66. Principles of Public Finance.** By HUGH DALTON, M.A. King's College, Cambridge; D.Sc. (Econ.), London; P.C.; Barrister-at-Law of the Middle Temple; sometime Reader in Economics in the University of London. 1922; 4th edn. (revised and reset), 1954; xv, 255 pp., Crown 8vo, cloth. 10s. 6d. net.

*Routledge and Kegan Paul Ltd.*

**107. Prices and Production.** By Dr. FRIEDRICH A. HAYEK. 1931, revised 1935; pp. xiv, 162, Crown 8vo, cloth. 12s. 6d. net.

*Routledge and Kegan Paul Ltd.*

**109. Economic Development in the Nineteenth Century.** By LILIAN C. A. KNOWLES, M.A., LL.M., Litt.D. 1932; pp. viii, 368, Demy 8vo, cloth. 18s. net.

*Routledge and Kegan Paul Ltd.*

**Studies in Economics and Commerce**

**5. Modern Production among Backward People.** By I. C. GREAVES, M.A., Ph.D. 1934; 229 pp., 8vo, cloth. 12s. 6d. net.

*George Allen & Unwin Ltd.*

**7. Outline of International Price Theories.** By CHI-YUEN WU, Ph.D. With an Introduction by LIONEL ROBBINS. 1939; xii, 373 pp., 8vo, cloth. 18s. net.

*Routledge and Kegan Paul Ltd.*

**Studies in Economic and Social History**

**5. English Trade in the Fifteenth Century.** Ed. by EILEEN POWER, D.Litt., and M. POSTAN. 1933; 435 pp., Royal 8vo, cloth. 30s. net.

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**Studies in Statistics and Scientific Method**

Edited by A. L. BOWLEY and A. WOLF.

**3. Mathematical Analysis for Economists.** By R. G. D. ALLEN, M.A. 1938; (*Latest reprint* 1962), xvi, 548 pp., Demy 8vo, cloth. 30s. net, also available in Papermac Series, 20s. net. *Macmillan & Co. Ltd.*

### Monographs on Social Anthropology

This series aims to make available work done by anthropologists connected with the London School of Economics and Political Science. The first thirteen numbers were produced by the Replika process, but No. 14 and later numbers are printed in letterpress. Orders should be sent to the Athlone Press, at 12, Orange Street, London, W.C.2, who act as publishers on behalf of the Editorial Board. Editorial inquiries should be addressed to the Editor, Department of Anthropology, London School of Economics, Houghton Street, Aldwych, W.C.2.

At present available:

- 11. The Ethnic Composition of Tswana Tribes.** By I. SCHAPER. 1952; vi, 133 pp., with map. Paper bound, quarto, 15s. net.
- 14. Chinese Spirit Medium Cults in Singapore.** By ALAN J. A. ELLIOTT. 1955; 179 pp., with 6 plates and glossary. Cloth, octavo, 18s. net.
- 16. Studies in Applied Anthropology.** By L. P. MAIR. 1957; 84 pp. Cloth, octavo, 2nd impression, 1961, 15s. net.
- 17. Indigenous Political Systems of Western Malaya.** By J. M. GULLICK. 1958; viii, 156 pp., with maps and diagrams. Cloth, octavo, 25s. net.
- 18. Lineage Organization in South-Eastern China.** By MAURICE FREEDMAN. 1958; xii, 154 pp., with map and diagrams. Cloth, octavo, 25s. net.
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- 25. Conflict and Solidarity in a Guianese Plantation.** By C. JAYAWARDENA. 1963; ix, 159 pp., with tables. Cloth, octavo, 25s. net.
- 26. Kinship and Marriage in a New Guinea Village.** By H. IAN HOGBIN. 1963; viii, 178 pp., with maps and plates. Cloth, octavo, 35s. net.
- 27. A New Maori Migration.** Rural and Urban Relations in Northern New Zealand. By Joan Metge. 1964; x, 299 pp. with plates, maps and diagrams. Cloth, octavo, 37s. 6d.
- 28. Essays on Social Organization and Values.** By Raymond Firth. 1964; viii, 328 pp. 40s. In the press.
- 29. Malay Peasant Society in Jelebu.** By Michael Swift.
- 30. Saints and Fireworks: Religion and Politics in Rural Malta.** By Jeremy Boissevain.

Earlier numbers, listed below, are now out of print:

- 1. The Work of the Gods in Tikopia. Vol. I.** By RAYMOND W. FIRTH. 1940; vi, 188 pp., with diagrams and illustrations. Paper bound, quarto, 10s. net.
- 2. The Work of the Gods in Tikopia. Vol. II.** By RAYMOND W. FIRTH. 1940; vi, 190 pp., with diagrams and illustrations. Paper bound, quarto, 10s. net.
- 3. Social and Economic Organisation of the Rowanduz Kurds.** By E. R. LEACH. 1940; 82 pp., with diagrams and illustrations. Paper bound, quarto, 5s. net.
- 4. The Political System of the Anuak of the Anglo-Egyptian Sudan.** By E. E. EVANS-PRITCHARD. 1940; 164 pp., with diagrams and illustrations. Paper bound, quarto, 5s. net.
- 5. Marriage and the Family among the Yako in South-Eastern Nigeria.** By DARYLL FORDE. 1941; 124 pp., with diagrams and illustrations. Paper bound, quarto, 10s. 6d. net. (*Reprint available from the International African Institute.*)
- 6. Land Tenure of an Ibo Village in South-Eastern Nigeria.** By M. M. GREENE. 1941; 44 pp., with diagrams and a map. Paper bound, quarto, 4s. net.
- 7. Housekeeping Among Malay Peasants.** By ROSEMARY FIRTH. 1943; 208 pp., with maps, diagrams and illustrations. Paper bound, quarto, 10s. net.

**8. A Demographic Study of an Egyptian Province (Sharqiya).** By A. M. AMMAR. 1943; 98 pp., with diagrams, maps and illustrations. Paper bound, quarto, 7s. 6d. net.

**9. Tribal Legislation among the Tswana of the Bechuanaland Protectorate.** By I. SCHAPER. 1943; vi, 96 pp., with folding map. Paper bound, quarto, 9s. net.

**10. Akokoaso: A Survey of a Gold Coast Village.** By W. H. BECKETT. 1944; v, 96 pp., with coloured diagrams. Paper bound, quarto. 3rd Impression, 1956, 12s. net.

**12. The Chinese of Sarawak: A Study of Social Structure.** By JU K'ANG T'EN. 1953; vi, 92 pp., with maps and diagrams. Paper bound, quarto, 2nd Impression, 1956, 21s. net.

**13. Changing Lapps.** By GUTORM GJESSING. 1954; 68 pp., with map. Paper bound, quarto, 12s. net.

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#### Papers on Soviet Union and East European Politics, Law and Economics

In this new series it is intended to publish short monographs within the field, primarily designed as contributions to original research conducted within the School or in association with it. The volumes are being published on behalf of the School by the Athlone Press and by the Yale University Press. The General Editor is Professor L. B. Schapiro and the editorial board consists of Professors E. Devons, D. H. N. Johnson, D. C. MacRae, M. J. Oakeshott, L. B. Schapiro and Dr. I. Lapenna.

**1. State and Law: Soviet and Yugoslav Theory.** By I. LAPENNA. 1964. xi, 135 pp. Cloth, 25s.

**2. Aspects of Soviet Planning Theory.** By A. ZAUBERMAN. (In preparation.)

#### Series of Bibliographies

Orders should be sent to *The Librarian, British Library of Political and Economic Science.*

#### **8. A London Bibliography of the Social Sciences.**

These volumes record, by subject, all works in the British Library of Political and Economic Science and the Edward Fry Library

of International Law at the London School of Economics, except non-governmental periodicals acquired since 1936. They also record the works acquired up to May 1936 by the Goldsmiths' Library of Economic Literature at the University of London and up to May 1931 by the libraries of the Royal Statistical Society, the Royal Institute of International Affairs, the Royal Anthropological Institute and the National Institute of Industrial Psychology, together with special collections in the library of University College, London, the University of London Library and the Reform Club.

Paper covers. Volumes I-IV (covering the acquisitions up to 1929); volume V (acquisitions of 1929-1931); volume VI (acquisitions of 1931-1936); volumes VII-IX (acquisitions of 1936-1950); volumes X and XI (acquisitions of 1950-1955). Volumes I-VI are out of print. Volumes VII-IX, £4 each; volumes X and XI £5 each. Microcard editions of volumes I-IV and VI are obtainable from J. S. Canner and Co., 618 Parker Street, Boston-Roxbury 20, Massachusetts, U.S.A.; the prices are \$13.00 for vol. I, \$11.00 for vols. II and IV, \$13.50 for vol. III and \$12.50 for vol. VI. A full-size reprint of volumes I-VI is in preparation by the Johnson Reprint Company Limited, Berkeley Square House, Berkeley Square, London, W.1.

**Monthly List of Additions to the Library.** 25s. a year.

**Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science.** 1961; vi, 186 pp. Paper covers. 25s. net (26s. post free)

#### vi. Series of Reprints of Scarce Works on Political Economy

**1. Industrial Combination.** By D. H. MACGREGOR, M.A. (1906.) 1935; reissued with new Introduction by the Author. 1938; xxiv, 246 pp. Full bound, 7s. 6d. (*Edition exhausted.*)

**2. Protective and Preferential Import Duties.** By A. C. PIGOU, M.A. (1906.) 1935; xiv, 118 pp. Full bound, 6s. (*Edition exhausted.*)

**3. Principles of Political Economy.** By T. R. MALTHUS. (1836.) 1936; liv, 446 pp. Full bound, 10s. 6d. (*Edition exhausted.*)

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5. **The Literature of Political Economy.** By J. R. McCULLOCH. (1845.) 1938; xx, 407 pp. Full bound, 12s. 6d. (*Edition exhausted.*)
6. **Three Studies on the National Income.** By Professor A. L. BOWLEY, Sc.D., and Sir JOSIAH STAMP, G.B.E., Sc.D. (1919, 1920, 1927.) 1938; 145 pp. Full bound, 6s. (*Edition exhausted.*)
7. **Essays on Some Unsettled Questions of Political Economy.** By JOHN STUART MILL. (1844.) 1948; vi, 164 pp. Full bound, 10s. 6d.
8. **A Study of Industrial Fluctuations.** By D. H. ROBERTSON. 1915. With a new Introduction by the author, and an Appendix entitled "Autour de la crise américaine de 1907 ou Capitaux-réels et Capitaux-apparents" by M. Labordère (1908.) 1948; xxv, 350 pp. Full bound, 12s. 6d. (*Edition exhausted.*)
9. **The English Utilitarians.** By LESLIE STEPHEN. (1900.) 1950; Vol. I. Jeremy Bentham, viii, 326 pp. (*Edition exhausted.*)
10. **The English Utilitarians.** By LESLIE STEPHEN. (1900.) 1950; Vol. II. James Mill, vi, 382 pp. (*Edition exhausted.*)
11. **The English Utilitarians.** By LESLIE STEPHEN. (1900.) 1950; Vol. III. John Stuart Mill, vi, 525 pp. £2 2s per set. (*Edition exhausted.*)
12. **London Life in the Eighteenth Century.** By M. DOROTHY GEORGE. (1925.) 1930, 1951; 468 pp. Full bound, 15s. (*Edition exhausted.*)
13. **The Economic Writings of Francis Horner in *The Edinburgh Review*, 1802-6.** Edited with an Introduction by Frank Whitson Fetter. 1957; vii, 134 pp. Full bound, 21s.
14. **Letters on Commercial Policy.** By R. TORRENS. (1833.) With an Introduction by Lionel Robbins. 1958; x, 96 pp. Full bound, 18s.
15. **An Inquiry into the Currency Principle.** By THOMAS TOOKE. (1844.) 1959; x, 166 pp. Full bound, 20s.
16. **An Introduction to Tooke and Newmarch's "A History of Prices and of the State of the Circulation from 1792 to 1856".** By T. E. GREGORY. (1928.) 1962; 120 pp. Full bound, 15s.
17. **Economic Writings of James Pennington (1826-1840.)** Edited with an Essay on the Life and Work of James Pennington by R. S. Sayers. 1963; lxii, 114 pp. Full bound, 25s.

18. **Selected Economic Writings of Thomas Attwood.** Edited with an Introduction by Frank Whitson Fetter. 1964; 320 pp. Full bound, 35s.

#### vii. Hobhouse Memorial Trust Lectures

**HOBHOUSE MEMORIAL LECTURES, 1930-1940** (*Out of print*). 1941-1950. Published by Oxford University Press. Cloth, pp. viii, 268, 17s. 6d. net.

**HOBHOUSE MEMORIAL LECTURES, 1951-1960.** Published by the Athlone Press. Cloth, pp. x, 284, 25s. net. This volume includes lectures 21-30, which were delivered between 1951 and 1960, as follows:—

21. **Technology and History.** CHARLES SINGER, D.Litt., M.D., F.R.C.P., F.S.A. 1952, pp. 20, 2s. net.
22. **Contributions of Psychology to Social Problems.** SIR CYRIL BURT, D.Litt., D.Sc., LL.D., F.B.A. 1953, pp. 76, 5s. net.
23. **On the Notion of a Philosophy of History.** D. M. MACKINNON, M.A. 1954, pp. 20, 2s. net.
24. **Realities and Illusions in regard to Inter-Governmental Organizations.** GUNNAR MYRDAL. 1954, pp. 28, 2s. 6d. net.
25. **Aspects of the Ascent of a Civilization.** SIR MORTIMER WHEELER. 1955, pp. 24, 2s. 6d. net.
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27. **Can Social Policies be Rationally Tested?** A. MACBEATH. 1957, pp. 20, 2s. 6d. net.
28. **The Curious Strength of Positivism in English Political Thought.** NOEL ANNAN. 1959, pp. 21, 3s. net.
29. **International Comprehension In and Through Social Science.** T. H. MARSHALL. 1960, pp. 24, 3s. 6d. net.
30. **Agents of Cultural Advance.** SIR AUBREY LEWIS, M.D., F.R.C.P. 1961, pp. 29, 5s. net.

Some of these lectures can still be obtained separately.

These lectures continue to be delivered annually under the Hobhouse Memorial Trust and will in future be published separately, not in a collected volume. The following lectures in the new series have already been published by the Athlone Press:—

31. **Punishment and the Elimination of Responsibility.**  
H. L. A. HART. 1962, pp. 32, 5s. net.
32. **Sociology at the Seven Dials.** W. J. H. SPOTT. 1962,  
pp. 18, 5s. net.
33. **The Comparative Method in Social Anthropology.**  
E. E. EVANS-PRITCHARD. 1963, pp. 30, 5s. net.

**PART V**  
**RESEARCH**

## RESEARCH

The London School of Economics has, from its foundation, been a centre of research in the field of the social sciences and has sought to provide adequate research facilities both for members of the teaching staff and for graduate students. The primary requirement was a research library which, in the words of the appeal launched in 1896 for funds for its establishment, would "provide, for the serious student of administrative or constitutional problems, what has hitherto been lacking in this country, namely, a collection of materials for economic and political research". Following the success of this appeal, the British Library of Political and Economic Science was established; it is now perhaps the largest library in the world devoted exclusively to the social sciences.

Another early development was the institution, also in 1896, of a series of Studies in Economics and Political Science; these Studies numbered over one hundred by 1932 when the initial series was closed and succeeded by a new series. The latter was superseded by another arrangement in 1944 when the Publications Committee, under the Chairmanship of Professor Sir Arnold Plant, assumed responsibility for the editing of studies issued under the auspices of the School. In 1909 the School began to sponsor the publication of select bibliographies in social studies, and since 1930 has issued reprints of scarce works and scarce tracts in Economic and Political Science.

The School has also established periodical publications in the field of social studies. *Economica*, a quarterly journal founded in 1921, has an ever widening circulation. Another quarterly journal, *Politica*, devoted to those branches of the social sciences not covered by *Economica*, was published from 1935 to 1939. During the war, a quarterly journal devoted to problems of reconstruction, *Agenda*, was published, notwithstanding the difficulties presented by war-time conditions. From 1930 to 1940 an *Annual Survey of English Law* was issued under the auspices of the School and an *Annual Digest of Public International Law Cases* covering the years from 1919. In 1950, *The British Journal of Sociology*, a quarterly journal, was established and is published for the School by Routledge and Kegan Paul, Ltd. In February 1963 a new journal, the *British Journal of Industrial Relations*, was established and is published by the School.

Until 1947 the School was not in a position to finance research out of its own funds, and was thus dependent on the generosity of benefactors. Between 1923 and 1937, and also between 1937 and 1945, grants were made to the School by the Rockefeller Foundation, which were used to



finance such research projects as the New Survey of London Life and Labour, begun in 1929 and completed in 1935; the Land Utilisation Survey of Great Britain under the direction of Professor L. D. Stamp; and the International History of Prices and Wages under the direction of Lord (then, Sir William) Beveridge; as well as individual projects in the fields of Social Biology and Economic History.

In 1945 the Manchester Oil Refinery, Ltd., placed funds at the disposal of the School for a period of seven years. Expressing the conviction, based on their own experience, that highly fruitful results were to be expected from a closer alliance between the economist and the industrial technician, the donors, though attaching no conditions to their gift, hoped it would make possible the closer study of economics with special reference to industry in this country. With assistance from this fund Professor Sir Ronald Edwards made two studies. The first, a review of Co-operative Industrial Research in Great Britain, was published in 1950, and the second, a survey of Industrial Research Institutions in Switzerland, in 1951.

In 1946, the Trustees of the Nuffield Foundation made a generous grant of £20,000 to the School towards the cost of a programme of research into social selection and differentiation. To carry out this research, a **Sociological Research Unit** was organised. The object was to study the nature of the class structure of Great Britain and the factors influencing the selection and movement of individuals to different social strata. The problem was approached by examining the relationships between occupational grade, educational background and social status. Material for the inquiry into the social status structure of the population was collected by a nation-wide sample inquiry carried out in association with the Ministry of Labour and the Social Survey. A number of detailed reports were prepared. They include an examination of the educational experience of the population as at 1949; the measurement of social mobility over time; the influence of education upon social mobility; a study of inter-class marriage and the influence of social mobility upon family size. In addition the ages at which occupational stability is reached were examined by means of occupational profiles.

This general study of social mobility was supplemented by a series of special inquiries into subjective aspects of social status; self-recruitment in specific professions; the functioning of the educational selection process since the 1944 Act; and the structure of leadership in voluntary organisations in relation to the problem of social status. Reports on these various studies were brought together in a symposium entitled *Social Mobility in Britain*, edited by Professor D. V. Glass. The symposium was published in 1954, and has now been reprinted.

In addition to this series of studies a detailed inquiry into the changing opportunities for secondary education was carried out in Middlesbrough and Watford. This has been described by J. E. Floud, A. H. Halsey and F. M. Martin in a book entitled *Social Class and Educational Opportunity*. The book appeared in 1957. Further, two professions were selected for intensive analysis, namely, the Higher Civil Service and the elementary school teaching profession. The reports on both these professions have been completed and published. The first study—*The Higher Civil Service in Britain*, by R. K. Kelsall—appeared in 1955, while the report on the elementary school teaching profession was published in 1957 in a book entitled *The School Teachers*, by A. Tropp. *The Blackcoated Worker*, by D. Lockwood, a study of the clerks of Britain, was published in 1958. Graduate students also carried out research in the same general field. Thus, Mrs. O. Banks's study, *Parity and Prestige in English Secondary Education*, was published in 1955; Dr. F. Campbell's study of London Grammar Schools appeared in the autumn of 1956; and *Technical Education and Social Change*, by Dr. S. F. Cotgrove, was published in 1958.

A research project in a different field concerns the use made of prison sentences by Magistrates' Courts in England and Wales. This study was directed by Dr. H. Mannheim and was made possible by a three-year grant from the Home Office and the Nuffield Foundation.

In the session 1949-50, the Rockefeller Foundation generously provided funds up to £4,200 per annum for three years for the maintenance and expansion of the Sociological Research Unit. When the grant from the Rockefeller Foundation came to an end, the work continued, financed by a nucleus grant out of School funds and supplemented by other grants received from outside organisations. The headquarters of the Unit are at Skepper House, Endsleigh Street, London, W.C.1, and its functions are (1) to collaborate with the International Sociological Association in the promotion of sociological research in Britain; (2) to prepare and carry out programmes of systematic research for the purpose of filling major gaps in the field of sociology. Under the direction of Professor Glass, the Unit organised, for the Committee of Vice-Chancellors and Principals, a study of the intake into British universities in the session 1955-56, the report on which, prepared by R. K. Kelsall, was published in June, 1957 (*Applications for Admission to British Universities*). The material collected in this inquiry is now being used, with the consent of the Committee of Vice-Chancellors and Principals, as the basis of a follow-up study of a national sample of 6,000 students. The D.S.I.R. provided a grant to cover the costs of this study. The first and second rounds of this follow-up have been completed. Twelve reports based on the analysis of the first

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round have been submitted to the Committee on Higher Education, at their request, and the rest of the analysis of this stage of the inquiry was completed by the end of 1962. Preliminary reports deriving from the second round are also being prepared. The material as a whole is now being revised for publication.

**The Population Investigation Committee**, a research group concerned with the study of demographic questions, has been housed at the School since World War II. It is affiliated with the School and acts as the adviser to the School on questions of demographic research and teaching. The Committee undertakes investigations into population problems and publishes a journal *Population Studies*.

The Committee continued, until 1955, to receive grants from the Nuffield Foundation, and still receives an annual grant from the Population Council Incorporated of New York. In addition, the Ford Foundation generously gave £10,000 in 1954 for the continuation of the National Survey of the Health and Development of Children, a survey carried on in co-operation with the Institute of Child Health and the Society of Medical Officers of Health. There have been further grants from the Nuffield Foundation, the Population Council and more recently from the Department of Scientific and Industrial Research and the Home Office and it will now be possible to continue the survey until the children reach the age of 20 years. Reports on the survey include 24 published papers and two books, the second of which, *Children under Five*, by J. W. B. Douglas and J. M. Blomfield, appeared in the Spring of 1958. A third volume, *The Home and the School* by J. W. B. Douglas, covering the primary school period has now been published. The further extension of this follow-up study will continue to be under the direction of Dr. J. W. B. Douglas and will be carried out through the new unit of which he is in charge, established by the Medical Research Council at the School.

The Population Investigation Committee is also co-operating with the Scottish Council for Research in Education in their follow-up survey of Scottish school children.

A study of changes in marriage and divorce in England and Wales over the past hundred years is being undertaken, and several reports have been prepared. One of these—"The resort to divorce in England and Wales, 1858-1957" by G. Rowntree and N. H. Carrier—was published in *Population Studies* in March, 1958. The collection of documentary materials on marriage and divorce has now been completed, and much of the analysis has been undertaken. In addition, grants from the Rockefeller Foundation and other bodies made it possible to complement the documentary study by a stratified sample survey, covering a national sample of 3,000 households. This survey, multi-

purpose in character, covered not only a number of aspects of marriage but also detailed questions on fertility and birth control. Much of the material has now been analysed and several papers have appeared, dealing in particular with the changing incidence of birth control practice in Great Britain.

Another major inquiry, supported by grants from the Rockefeller Foundation and from the Nuffield Foundation, consists of a demographic study of the British Peerage, covering a period from the beginning of the 17th Century to the early 20th Century. This study should be of fundamental importance as a contribution to historical demography, since the peerage material constitutes the only large collection in Britain of reasonably reliable data extending over a long period of time. The extraction of the basic data was completed in 1962; a comprehensive report has now been prepared and will be published at the end of 1964.

The **Medical Research Council Unit** was established at the School in April 1962 to study the environmental aspects of mental and physical illness. The Director is Dr. J. W. B. Douglas.

The work of the Unit is, at the moment, centred on the National Survey of Health and Development, which has already been mentioned under the heading of the Population Investigation Committee. The main studies now in progress are as follows:—

Miss Jean Ross is examining the achievement and ability of the children now aged eighteen who are at school or in further education. Mr. D. M. Nelson, with the help of Youth Employment Officers throughout the country, is looking at further education and apprenticeship among school leavers and at the types of job they have taken and their reasons for taking them. This study is largely financed by grants from the D.S.I.R. Mr. D. G. Mulligan is studying all young people in the survey who come before the courts, in terms of their home background and emotional adjustment. This part of the work is supported by a grant from the Home Office.

The work of the Unit is now being extended by two field studies in an area in Essex. Dr. J. E. Cooper is developing methods for recording obsessional symptoms among housewives and their husbands and relating these to other characteristics of the families. Dr. Annette Lawrence, working in the same area, has started an investigation into social class differences in the early upbringing of children and in the methods used to discipline them.

The **Research Techniques Division** is concerned with research into statistical methodology, particularly in relation to economics and the social sciences. Its current work falls mainly under the following

headings: (1) statistical methodology, (2) operational research, (3) computational methods, and (4) bibliographical work.

#### *Statistical Methodology*

A large number of studies are undertaken on statistical method, sometimes prompted by practical problems arising in the School's research, sometimes because a member of the Division is interested in some theoretical aspect of the subject for its own sake. Much of this activity is concerned at the present time with the analysis of time series and with the fitting of econometric models.

#### *Operational Research*

Operational Research may be briefly defined as the development of scientific methods in problems of industry, commercial and social activity. A number of research projects on the theory and applications of mathematical programming and on queuing, congestion and storage are being currently pursued. The School's interest in Operational Research has led to a development of teaching in this subject and a post-graduate Diploma in Operational Research has been in successful operation for several years. In addition a number of short courses on a variety of topics in the area have been held from time to time and have proved extremely popular.

#### *Computational Methods*

Teaching in computational methods has now formed, for some years, a regular part of the undergraduate curriculum. Developments in postgraduate teaching and research are being pursued with the following aims:

1. to provide, within the Research Techniques Division, a central computing service for various departments of the School;
2. to engage in research on computer applications to the social sciences;
3. to investigate and develop the use of the computer as a mechanised teaching aid;
4. to engage in basic research in computer science in such areas as programme structure, integrated computer systems, information retrieval, artificial intelligence;
5. to organise and co-ordinate generally the teaching of courses at all levels related to computers.

#### *Bibliographical Work*

A number of independent bibliographies have been compiled by members of the Division, for example on queueing theory and on the

life-testing of industrial equipment. The Division assisted in founding a new journal of Statistical Abstracts on behalf of the International Statistical Institute, and among other things is at present engaged on the preparation of a comprehensive bibliography of papers on statistical method and probability from the 16th century up to the end of 1958. The first volume of this, covering the years 1950-58, has just been published, and the second, covering 1940-49, will be published shortly.

In 1963, the Nuffield Foundation made a generous grant of £60,000 expendable over five years, to support a **Unit for Economic and Statistical Studies on Higher Education** at the School. The establishment of the Unit derives largely from the research activities of the Committee on Higher Education (the Robbins Committee) and is directed by Professor C. A. Moser, who was the Committee's Statistical Adviser. The Deputy Director of the Unit is Mr. P. R. G. Layard, who was the Committee's Senior Research Officer. The Unit began work on 1st January, 1964.

The Unit's first set of empirical studies will be concerned with the relationship between educational background and occupational structure in British industry (especially in its higher echelons) and with the relationship between these and techniques of production and economic performance. The purpose is to throw light on the factors affecting the employment of people with different types of educational qualification. The study will at first be confined to one industry (probably the electrical engineering industry) and will be conducted at two levels. The relationships between the relevant variables will be investigated in a large number of firms and, at the same time, a more detailed study will be made of a few firms, to examine closely such topics as the technical requirements of particular occupations and the degree to which qualifications are substituted for one another).

A second series of studies will be concerned with problems of educational planning especially in relation to manpower needs. This work will be concerned both with advanced and 'developing' countries and will be partly methodological and partly empirical. It is planned that the first study in this field will be undertaken jointly with the New Delhi Planning Unit of the Indian Statistical Institute, and will examine the manpower needs involved in perspective plans for economic growth in India and their implications for the development of the educational system.

The Unit will also undertake a project jointly with the Department of Education and Science, to create a model of the educational system which can be used to project its future development on a consistent basis, to develop and standardize the methodology for doing this and to programme an electronic computer for carrying out the projections.

Other plans for research include a study of the factors affecting the demand for higher education and research into the financing of education, to be undertaken jointly with another university.

In the spring of 1964 the Unit had a full-time research staff of six and a research secretary. By the end of 1964, it is hoped that numbers will have increased to some ten or fifteen, about half of whom will be research officers or senior research officers. But this will depend on resources that become available to finance special projects. The full-time research staff will do most of the research, but others will be associated with the Unit's work on a part-time basis. Consultants will be appointed to help with specific projects, and three such appointments have already been made: Mr. P. Redfern, Chief Statistician of the Department of Education and Science; Mr. C. Freeman of the National Institute for Economic and Social Research; and Mr. M. H. Peston of the staff of the School.

A grant of £2,000 from the Elmgrant Trust, supplemented by the Department of Sociological and Demographic Research, enabled an electoral survey to be carried out in Greenwich in 1950. This was published by Routledge and Kegan Paul under the title *How People Vote: A Study of Electoral Behaviour in Greenwich*.

Between 1950 and 1958 the Passfield Trustees made an annual grant of £1,000. This was used to finance a number of research projects undertaken at first by members of the teaching staff and then, from 1953 onwards, by specially appointed Webb Research Fellows. The following studies have been completed: *Trade Union Government and Administration in Great Britain* by B. C. Roberts, published by G. Bell & Sons Ltd. in 1956 and reprinted in 1957; *Power and Policy in the U.S.S.R.* by G. R. A. Conquest, published by MacMillan & Co., 1961; *The Management of Capital Projects* by R. J. S. Baker, published by G. Bell & Sons Ltd. in 1963.

A further grant in 1960 of £1,000 a year for two years, from the Passfield Trustees, permitted the award of a Research Fellowship in Government and Public Administration in the Commonwealth to Mr. D. C. Potter. The results of Mr. Potter's research have been published in a book entitled *Government in Rural India*.

The Columbia University Research Programme on the History of the Communist Party of the Soviet Union (financed by the Ford Foundation) made an initial grant of £1,500 in 1956 to enable Mr. L. B. Schapiro to write a one-volume history of the Communist Party of the Soviet Union. This was published under the title *The Communist Party of the Soviet Union* by Eyre and Spottiswoode in 1960. An additional grant of £1,750 was subsequently made and was used to enable Dr. S. V. Utechin to conduct detailed researches into the early history of the Soviet Communist Party in preparation for a book which will in due

course be written by Mr. Schapiro on "The Origins of Bolshevism in Russia."

In 1961-2 Mr. S. K. Panter-Brick was on sabbatical leave, in Africa and Paris, carrying out research on the former French colonies of tropical Africa. A book entitled *Single Party Rule in Africa* is to be published in 1964.

Successive grants from the Nuffield Foundation of £2,500 in 1958, £3,500 in 1959, £5,000 in 1960 and £5,000 in 1962, and two grants of £1,000 from the City Parochial Foundation have enabled the Greater London Group (a group of teachers in the School from several different disciplines under the Chairmanship of Professor W. A. Robson) to carry out research in the Greater London area. Written and oral evidence was presented to the Royal Commission on Local Government in Greater London during 1959.

Following the publication of the Commission's Report, the Group organised a series of public lectures, by its members and others, on some of the problems dealt with, and these formed the first seven in a series of "Greater London Papers," published by the School. Criticisms were made of several of the proposals in the Report and subsequently of the Government's White Paper and the Bill, and these were submitted in the form of Memoranda to the appropriate quarters. The eighth Greater London Paper, "A Metropolis Votes", is a study in depth of the L.C.C. election of 1961, and a further piece of research carried out for the Group by S. K. Ruck, its Senior Research Officer, has been published in book form early in 1963 under the title "London Government and the Welfare Services".

Research is now continuing into a number of subjects dealing with the future government of Greater London. These subjects include the delimitation and mapping of a provisional boundary for a London and South Eastern region, with a discussion of the criteria for determining such a region, to be published as a Greater London Paper; maps of the intercensal population changes within the region; a study of the transport problems in Greater London; a study of the particular problems comprised in the Central London area; case studies in secondary education in two County Boroughs in the Greater London region; a study of voting behaviour in the 1964 Greater London Council election; a study of the aims and requirements of the research and information organisation which the Greater London Council is required to set up; a study of local government provision and support of entertainment and the arts in Greater London.

The Group is furthermore undertaking a study of the growth and social and economic structure of the "London Region", an area provisionally defined by the Group as comprising the whole of the

present counties of Essex, Hertfordshire, Kent, London, Middlesex, Surrey, east and west Sussex and parts of Bedfordshire, Berkshire, Hampshire and Oxfordshire, with a population of 14 million. As a result of this study it is hoped to submit evidence to the Local Government Commission for England when they come to deal with the South East General Review Area.

Since 1947 the School has, for the first time, been in a position to assist research out of its own income. A central Research Committee has been established which advises the Governors of the School upon the allocation of funds available for research. It is in this manner that the five research divisions—the Economics Research Division, the Geographical and Anthropological Research Division, the Government Research Division, the Legal Research Division and the Social Research Division receive money for projects sponsored by them. The purpose of each research division is to provide for assistance in the research work of its members.

The Research Techniques Division and the Sociological Research Unit, the scope of whose work is described above, are now also for the most part financed out of School funds.

No survey of research work pursued at the School, however brief, would be complete without reference to the studies undertaken by graduate students. Some indication of their range and of the facilities provided by the School may be obtained from the School's pamphlet *The Graduate School*. The number of students registered for graduate study at the School was over 1,000 in the session 1963-64.

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