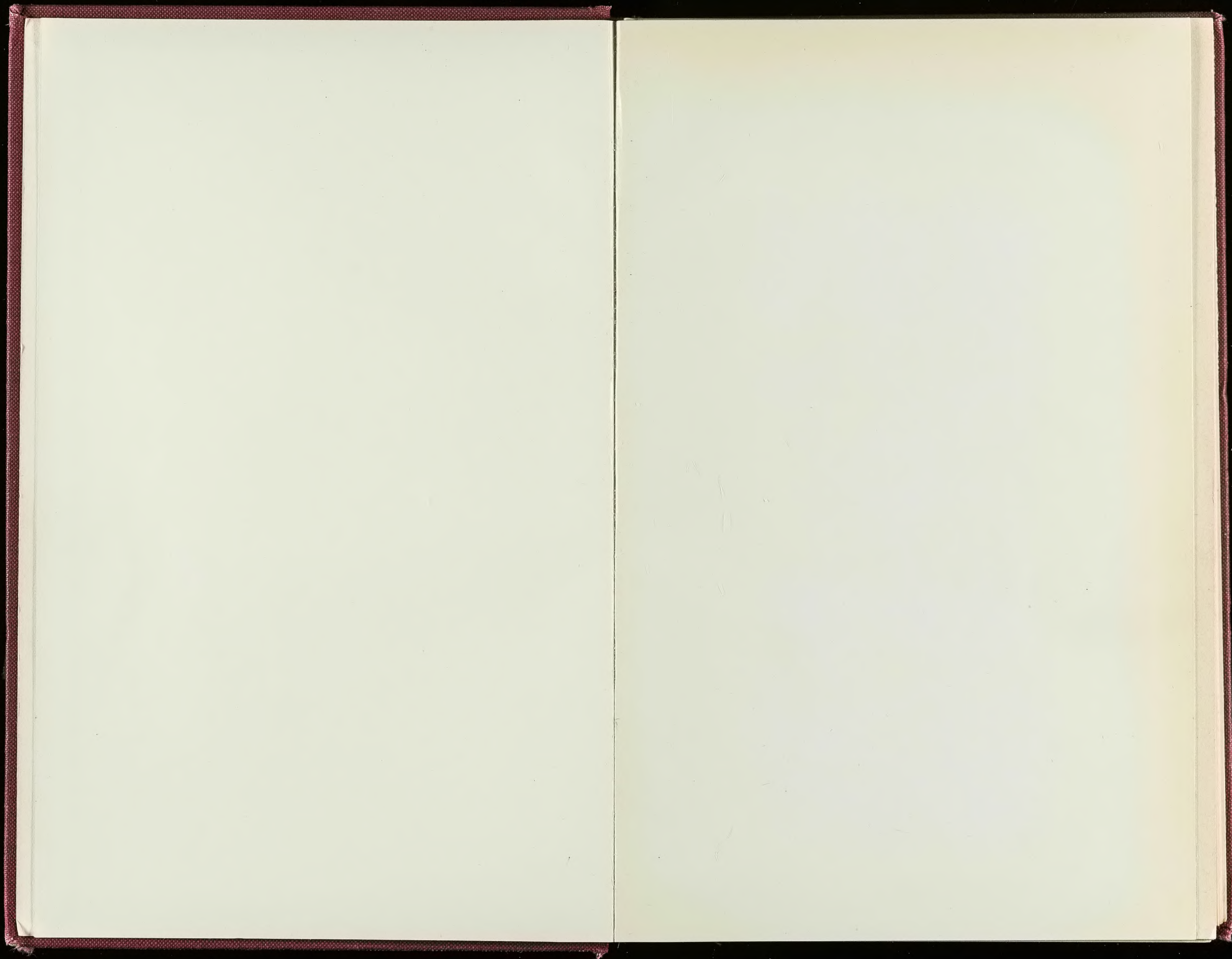
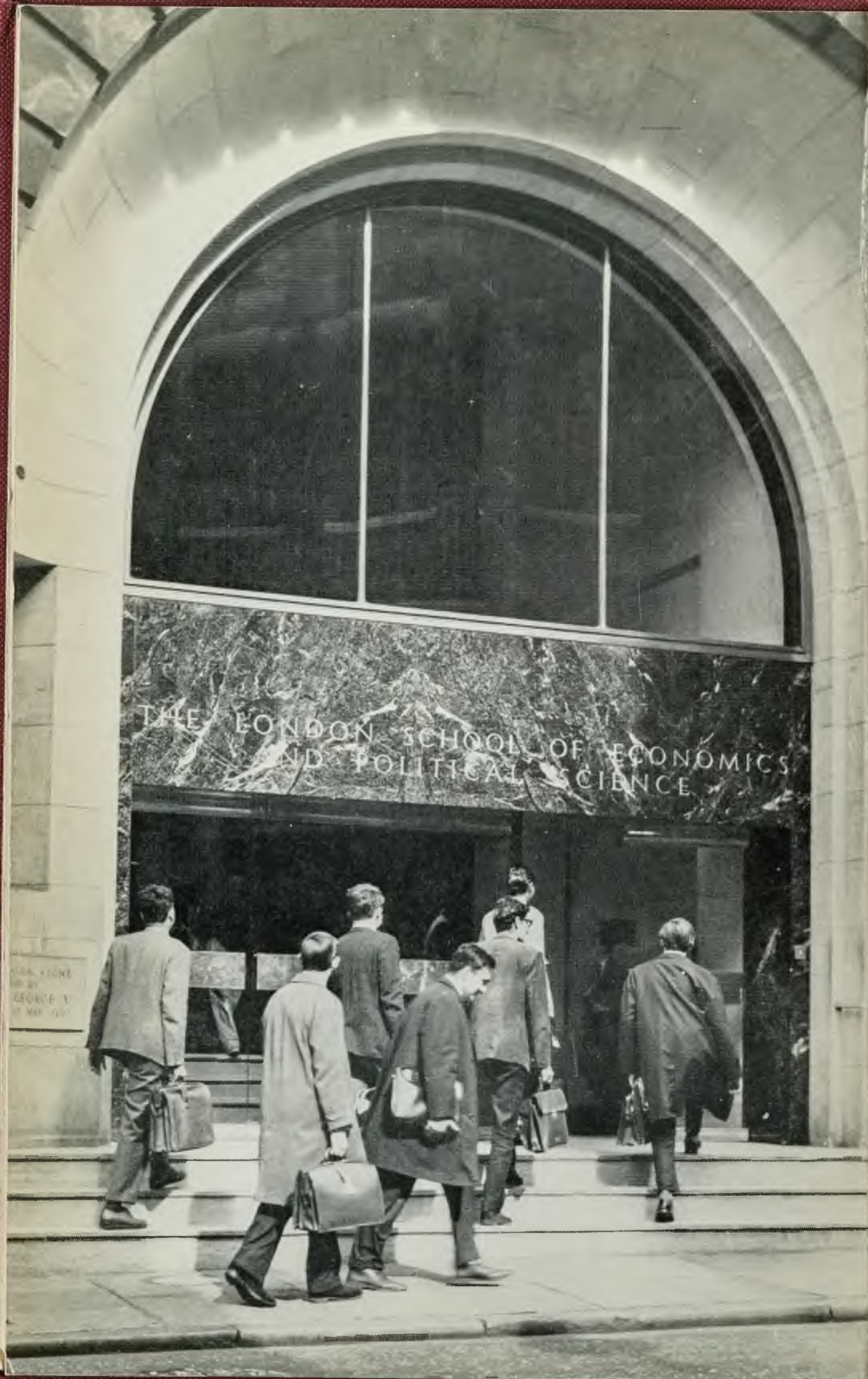




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The London School of Economics
and Political Science

A School of the University of London



CALENDAR

1965-66

The London School of Economics & Political Science
London W.C.2.

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London School of Economics and Political Science, entrance to Old Building
Frontispiece

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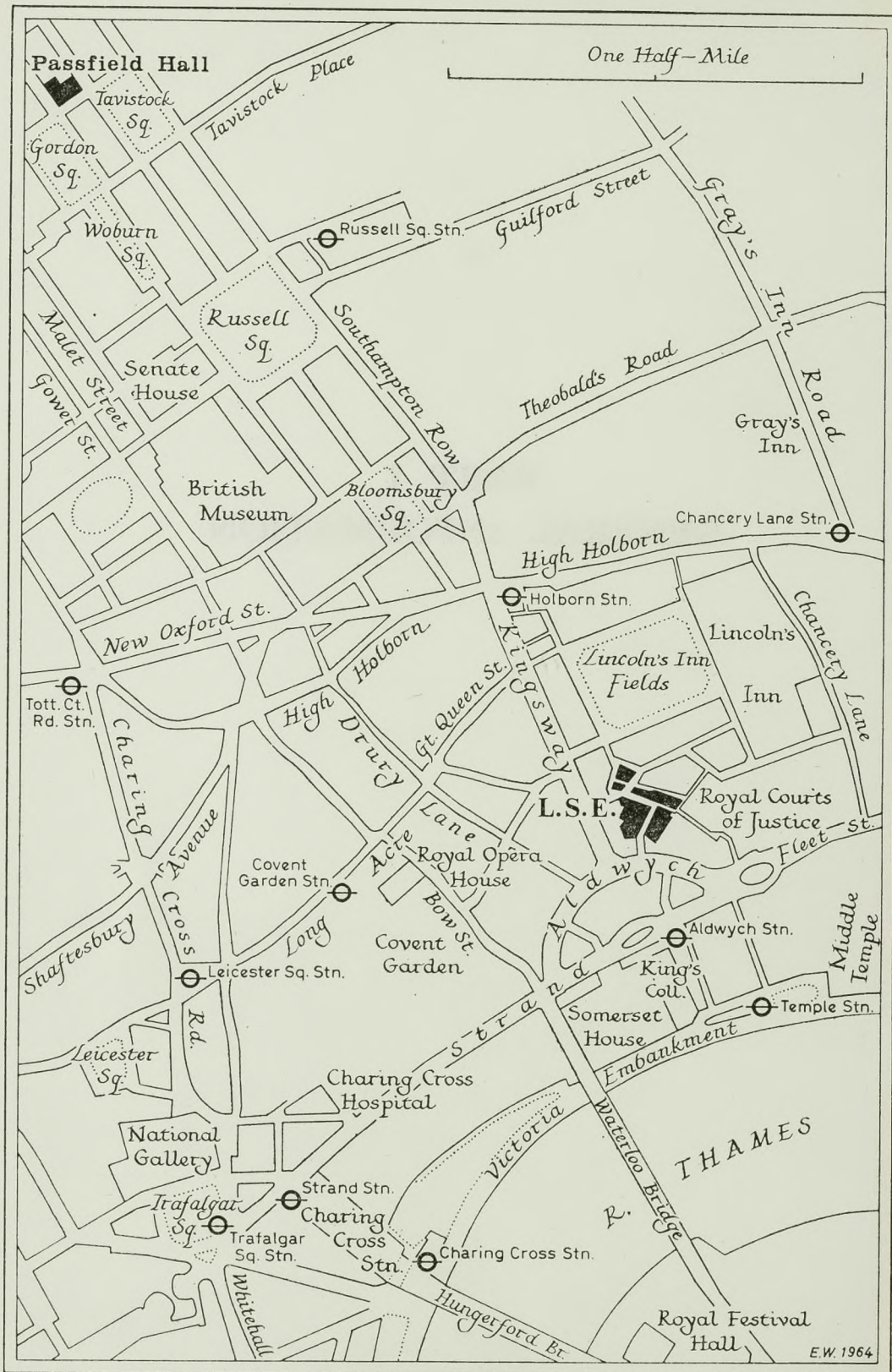
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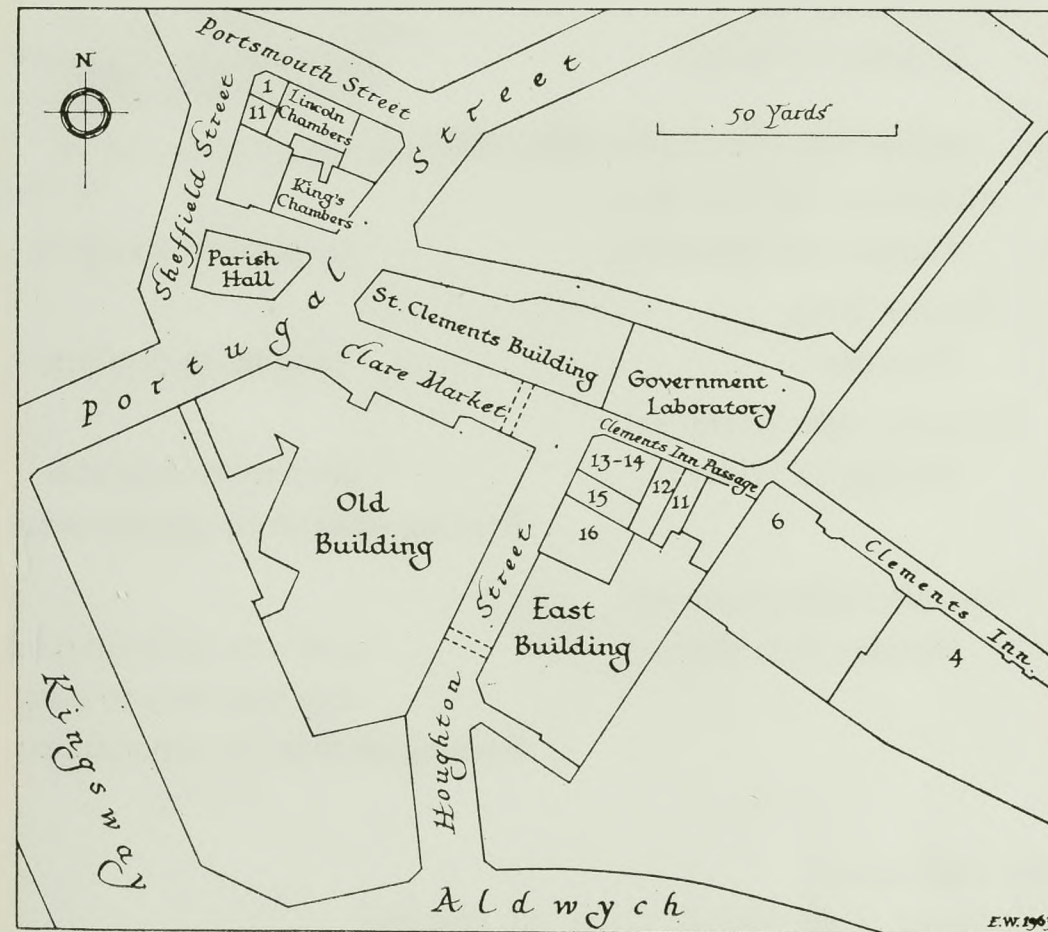
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PART I
GENERAL INFORMATION

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.

2.30 p.m. to 3.30 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.

General Course Registration.

Department of Anthropology.

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

Joint School of Geography.

Department of Business Administration.

Diploma in Development 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

1965-66

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

LENT TERM: Wednesday, 12 January to Tuesday, 22 March 1966.

SUMMER TERM: Wednesday, 27 April to Friday, 1 July 1966.

1966-67

MICHAELMAS TERM: Monday, 3 October to Tuesday, 13 December 1966.

CALENDAR 1965-66
(University functions in Italics)
OCTOBER 1965

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

CALENDAR 1965-66
NOVEMBER 1965

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

DECEMBER 1965

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

JANUARY 1966

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

FEBRUARY 1966

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

MARCH 1966

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

APRIL 1966

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

MAY 1966

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

JUNE 1966

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

JULY 1966

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

London School of Economics and
Political Science.

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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 the School acquired its sports ground at Malden.

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 and a short lease of the greater part of 5-6 Clements Inn. Future building plans will 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. An I.B.M. 1440 computer has recently been acquired for use in teaching and research.

Since the war the School has attempted to provide residential accommodation for a proportion of the rapidly expanding student body. In 1946 a series of houses in Cartwright Gardens were acquired and converted to serve as a hall of residence for men and later named Passfield House in memory of Lord Passfield (Sidney Webb). When these

premises had to be vacated in 1948 the School obtained possession of an hotel in Endsleigh Gardens, also in Bloomsbury, which was opened as a hostel in 1949; additions were subsequently made as adjoining houses became vacant. With the approval of both staff and students it was agreed to name the new hostel Passfield Hall. It is at present the only hall of residence owned by the School but building work has commenced on a new hall for men in Fitzroy Street which has been made possible by the most generous gift of an anonymous benefactor. In 1962 the School opened a number of flats for married graduate students at Anson Road, N.7. Additional accommodation has been added since.

A Student Health Service was begun in 1952 with the appointment of Dr. J. C. Read as Psychiatric Adviser, at first on a part-time basis and later as a full-time member of the staff of the School. In 1963 Dr. H. N. Levitt was appointed as part-time Health Service Officer to provide a more general medical service.

**REPORT BY THE DIRECTOR
ON
THE WORK OF THE SCHOOL
DURING THE YEAR 1963-64**

GENERAL FUTURE PLANS

The most absorbing activity of the School during the last session has been the re-examination of its general position and prospects, consequent on the publication in October 1963 of the Report of the Committee on Higher Education, generally known as the Robbins Report, after its Chairman, Lord Robbins. Like other institutions of higher education, the School had to consider urgently what contributions it could make to the general expansion of facilities for education at University level which the Committee's report showed to be necessary, firstly, in the emergency or bulge period extending over the next four or five years, and secondly, in the longer period. At the same time, this brought to a head the need which we had increasingly felt for some time past to re-examine a great many of the basic assumptions on which we have hitherto proceeded, including questions involving the School's relationship with the University of London, its general character and distribution of effort between undergraduate and postgraduate work, and its siting.

Inevitably, this process of re-examination has thrown a great deal of work both on the administration and on members of the teaching staff. In accordance with the general practice of the School, every attempt was made to ensure that decisions taken were reached after the fullest consultation and the issues of policy involved were discussed at a number of meetings, including two special meetings, of the Academic Board and at two meetings, including one special meeting, of the full Court of Governors of the School.

The first subject for consideration, on which the School was asked to express its views very urgently, was the contribution which could be made to expansion within the period ending in 1967-68. Hitherto it had for a number of years been the policy of the School to avoid any expansion of undergraduate numbers, although no check had been imposed on the growth of postgraduate numbers and there had been a steady expansion on that side. In view, however, of the urgent national need, as demonstrated by the Robbins Committee, it was decided that the School should offer to undertake an expansion of twenty per cent in its undergraduate numbers by 1967, while at the same time continuing the expansion of postgraduate numbers, which it was expected would be of the same order of magnitude. Accordingly we proposed that our total number of regular full-time students should expand from a figure of about 2,450 in October 1963 to a total of about 3,000 at the beginning of the session 1967-68. We recognised that this would mean a significant expansion in staff and yet further pressure on the School's

already very over-crowded physical accommodation; and that the additional space needed to provide for both more students and more staff could be found in the short run only by the renting of accommodation in nearby office blocks. Both the additional staff and the additional space and other facilities were clearly dependent on the provision of substantial additional finance. After full discussion, as already explained, the School's proposals were submitted to the University of London before the end of the Michaelmas Term of 1963 and transmitted, together with the corresponding proposals of the other Schools and Colleges of the University, to the University Grants Committee. We were in due course informed, in March 1964, that our proposals had been in general accepted and that the appropriate financial provision would be made. Little time was left to take effective action before the beginning of the session 1964-65, but in accordance with the programme we had put forward the intake of new undergraduate students for that session was increased by ten per cent (it being contemplated that the level of increase would be stepped up to twenty per cent in the following and subsequent sessions); steps were taken to advertise additional teaching posts; and urgent action was taken to increase the School's physical facilities both by the renting of additional premises and by further conversions and adaptations of the existing buildings.

So far as additional rented space was concerned, we were fortunate to find that further space formerly occupied by the Government Chemist, of whose main building we took possession during the session, was becoming available in Clement's Inn and we were able to take over the remainder of the lease with funds generously provided by the University Grants Committee. So far as adaptations and conversions of our existing premises were concerned, the main problem was the provision of additional library facilities for the increased intake of students. Opportunity was taken to provide special facilities for the use of undergraduates and graduates taking Master's degree courses by the creation for the first time of a special teaching library as distinct from the larger and more specialised research library. This has been done by adapting and very considerably enlarging what was formerly the Lending Library in the East Building. The necessary work of adaptation was put in hand in the course of the long vacation 1964 in the hope that the new facilities would be available early in the session 1964-65. A great deal of effort has been put into the organisation of these new facilities, which are in the general charge of a newly constituted special sub-Committee of the Library Committee, under the Chairmanship of Professor Edey.

The next urgent matter for consideration was the relationship of the School to the University of London. The Robbins Committee had drawn attention to the considerable problems arising in the complicated federal structure of the University of London and, while the Committee felt that it was outside their terms of reference to examine those problems and make recommendations on them, they did indicate that, if no solution was found as a result of internal examination, it might be necessary to set up a further public enquiry. The University accordingly asked the constituent Schools and Colleges to submit their views on the future of their own relationship with the central organisation of the University. A draft statement of the School's views was prepared by a special Research Group of members of the academic staff which I had set up, with the agreement of the

Academic Board, to examine the whole range of problems arising in the long-term development of the School. This draft statement was reviewed at meetings of the Academic Board and the Court of Governors and, after approval by those bodies, was transmitted to the University at the end of the Lent Term. Briefly, the view expressed was that the School did not wish to propose any separation from the University but felt it to be essential that it should have greater freedom within a revised federal structure, in particular in relation to the character and organisation of courses of instruction and degree syllabuses, in the determination of the conditions of admission of students, in the selection and appointment of senior staff and in financial relations with the University Grants Committee. The issues involved are obviously complex and the views expressed by the constituent Schools and Colleges were still being examined by the University as a whole at the end of the session.

The third main topic for examination was that of the longer-term future of the School. Broadly, we felt that the policy previously pursued, which envisaged no more than a limited expansion of the undergraduate population but a continued growth in the postgraduate activities of the School, was basically correct. None the less very large issues remained for examination, concerning both the academic scope and the physical scale of the desirable expansion of graduate work. Fuller examination by the Research Group already referred to confirmed the desirability of a substantial further expansion, concentrated on the postgraduate side. The School had taken particular note of the reference in the Committee on Higher Education's report to the status envisaged for certain institutions concerned with science and technology, which were expected to devote something like fifty per cent of their effort and student numbers to postgraduate work. It seemed that this coincided very closely with the general pattern that we had been coming to envisage for the School in the future. In terms of numbers, the Research Group concluded that the appropriate development of the academic subjects with which the School is concerned and the development of its postgraduate work would point to a total regular student population of some 4,500 in about fifteen to twenty years' time, of whom rather more than half would be postgraduate. This implies a comparatively small further expansion of undergraduate numbers beyond the figures expected to be attained by the session 1967-68. It does, however, involve a very substantial increase in the physical facilities and in the teaching staff available to the School. It would mean something more than a doubling of teaching staff and, allowing for the remedying of very serious existing deficiencies in the School's physical accommodation, it would mean probably the provision of over three times as much accommodation as the School at present possesses. This in turn, therefore, obliged us to examine whether it would be possible for the School to continue indefinitely to occupy its present site with such extensions as might be possible in the immediate vicinity. The first step was clearly to ascertain whether in fact the University Grants Committee and the responsible government departments would accept a long-term plan of expansion of the order indicated and in order to ascertain the general view of the University Grants Committee a memorandum outlining the development policy envisaged for the next two decades was presented to the University of London for communication to the University Grants Committee. At the end of the session we were waiting to hear the views of

the Committee, who obviously had to give ample time to the examination of so important a prospective development.

In the meantime, however, we have continued the examination of the implications of an expansion on this scale and particularly the implications in terms of physical space and siting. The School has, since it moved in 1901 to its present situation east of Kingsway, been extending by the acquisition of neighbouring premises and their conversion or demolition and re-building. It is uncertain whether that process can be continued on the scale which would be necessary to provide the increased facilities needed for an institution of more than twice the present size. Accordingly, we have started an examination of possibilities of removal to other sites, whether in central London or in the periphery of the greater London area. Our examination is at present quite open and uncommitted and I do not expect that any firm decision can be arrived at for some time to come.

BUILDINGS

Quite apart from the special building plans developed as a result of the expansion programme, building operations have as usual occupied a good deal of attention during the year. The extension of the Staff Dining Room and consequential changes referred to in the last Annual Report were brought into full operation by the end of the Michaelmas Term of 1963 and the new facilities have proved exceptionally useful. Although it might have been thought that we had come to the end of the possibilities of squeezing more space out of the site occupied by our Main Building, it was found possible on further examination to extend a part of the building into the inner courtyard from the first floor upwards, giving additional space to the Library, certain administrative offices, the students' refectory and a further extension to the Staff Dining Room. These works were started towards the end of the session and will, I hope, be completed early in 1964-65. We have also added to the Library by bridging across a gap between the galleries of the room known as the Cobden Library, so providing additional space which will be used principally to relieve the congestion of the office accommodation of the Library staff, which was the subject of a special investigation during the year and was shown to be almost scandalously inadequate.

Further progress was also made during the year in the plans for more extensive and longer-term construction. The Government Laboratory came into the possession of the School in the Lent Term and, although very little of it can be made use of as it stands since it was designed as a chemical laboratory, some offices are being used temporarily for administrative staff. We hope to start the demolition of this building about the end of 1965, as a preliminary to the construction of a totally new building on the Clement's Inn Passage site. Much detailed consideration has been given by the Building Committee to the character and the use of this building.

The Committee has also given a great deal of attention to the conclusion of arrangements for the building of a new hall of residence with the generous donation offered three years ago by an anonymous benefactor. It was mentioned in the last Annual Report that the London County Council had refused the

necessary permission for the use of the site finally obtained, in Fitzroy Street, as a student hall instead of for ordinary residential purposes, but fortunately the Minister of Housing and Local Government decided on appeal that permission should be granted. The time taken in determining the appeal has, however, caused substantial delay in the preparation of plans and final details, and estimates were still under discussion at the end of the session. It remains our confident expectation that work will commence round about the end of the calendar year.

We have also in prospect additional residential provision through the conversion of a second house in the Tufnell Park neighbourhood, the acquisition of which was recorded in last year's Annual Report. Work on the conversion started in August. Here also action was somewhat delayed by negotiations with the local Borough Council about a possible improvement grant to help the financing of the conversion. In the end, it appeared that the conditions which the Borough Council would lay down as to the rents to be charged would make it impossible for the School to recover an economic rent on its own capital expenditure and therefore we decided to proceed without the assistance of the improvement grant but with freedom to charge economic rents.

ACADEMIC COURSES

Final examinations were held in the summer of 1964 for the first time under the new regulations for the B.Sc.(Econ.). As previously noted, the first effect of the new regulations was a marked reduction in the number of failures in the Part I examination. It had been feared that this might be offset by the increase in the failure rate in Part II. In fact the failure rate in Part II was almost exactly the same under the new regulations (2.5%) as it had been in the last year under the old regulations (2.4%). The combined failure rate over the two parts of the examination for the first generation of students taking the degree under the new regulations thus worked out at about 7.5% compared with a normal rate under the old regulations of over twenty per cent. It is too soon to feel sure that the whole of this represents permanent improvement, Part I failure rates in 1963 and 1964 having been a little higher than in 1962, but there is good reason to feel satisfied with the initial experience of the new regulations.

During the year, discussion was completed of the introduction of a new degree in Social Administration. It was decided by the University that this should take the form of special provision within the Sociology Degree and the new arrangements are expected to come into operation in the session 1965-66. As a result, the demand for the present two-year diploma in Social Administration may be expected to decline.

During the year we have also given consideration to the future of the one-year diploma in Economic and Social Administration which was introduced four years ago, to meet the needs of students from less developed countries. The finance provided for this course from the grant made by the Ford Foundation towards the general assistance of the School's international activities came to an end in the session 1963-64, but it has fortunately been possible to obtain help, in the form of a guarantee of fees at an economic level for a certain number of students, from the Department of Technical Co-operation both for this course and for the course

which is customarily provided by the School's Department of International Relations for students training for entry into the foreign services of their countries. A revision, to come into effect in the session 1965-66, of the syllabus of the diploma in Economic and Social Administration was also agreed during the year.

A more important re-organisation of teaching is represented by the plans agreed upon during the year for a new approach to the Master's degree for students in the Faculty of Economics. Following the decision of the University, in response to pressure by teachers at the School over a period of years, to admit good honours students from other Universities as well as London to read for the M.Sc. (Econ.) to be taken by papers after one year, an integrated course of study has been worked out and will be available in 1964-65. Modifications may well be needed in the light of experience but this is a very important first step towards the provision in this country of the fourth year of study which is necessary if students of economics and related disciplines are to be given the opportunity to become fully conversant with the growing complexities of their subjects and to attain the standard set by Master's courses in the better American Universities. A problem complementary to that of organising such a course is that of attracting the students to stay on for a fourth year. In order to do this the School decided it ought to be able to offer postgraduate studentships of more than usual value, up to £900 a year; an appeal was made to a number of business firms and we were very happy to meet with a very sympathetic response. A total of £93,725 has been promised towards the initial financing of this plan. As a consequence it has been possible to award 16 of these special studentships for the session 1964-65. We have been a good deal encouraged by this evidence of the value attached by leading business concerns to the high level teaching in economics which the School is able to offer.

MANAGEMENT STUDIES

In last year's Annual Report, reference was made to two projects in this field. The first was a scheme for the setting-up of Research Fellowships in Management Studies with finance provided by the Foundation for Management Studies and the University Grants Committee. Under this scheme three Fellows were appointed during the session.

Much more important was the second project referred to, i.e. a proposal for the creation in London of a new and independent institute concerned with management studies, under the joint sponsorship of the Imperial College of Science and Technology and the London School of Economics. The scheme put forward by the Rector of Imperial College and myself was referred for review with a number of similar proposals, to Lord Franks, who in his report recommended that this project and a proposal for the establishment of a similar institution at Manchester University should be supported. These proposals for the establishment of two institutions of management studies, which have come to be known as Business Schools, were accepted in principle by the Foundation for Management Studies, the Federation of British Industries and the Government authorities concerned, and a further committee, under the Chairmanship of Lord Normanbrook, was set up to consider more detailed proposals for the financing and government of the two

new institutions. This committee presented its report in March 1964. The scheme proposed for the London institution was accepted in principle by the School authorities and by those of Imperial College and the necessary financial support was promised from Government and business sources. Following on this assurance of the necessary financial support, a preliminary planning committee was set up under the Chairmanship of Lord Plowden with representatives from the School and Imperial College as well as from business interests and at the end of the session considerable progress had been made in preparing for the appointment of the Director of the institute and for the obtaining of the necessary temporary premises in which it will start.

This proposed London Business School, unlike that which is to be set up in Manchester, will be organised initially entirely independently both of the University of London and of the two Colleges which will be sponsoring it. It is expected, however, to maintain very close links with both the School and Imperial College and it is anticipated that in its early stages it will rely considerably on their teaching staffs, particularly at the School, both for advice and for actual teaching while it is building up its own staff. The present hope is that the new institution will be able to commence its activities, which are expected to include both a "postgraduate" course of one year for recently graduated students aiming at a business career and a "postgraduate" course of shorter duration for men and women with ten years or so of experience in business, during the session 1965-66.

ACADEMIC STAFF POLICY

I turn back to the activities of the School itself where, as a result of discussions initiated during the previous session, various changes were made affecting the conditions of service of members of the academic staff and general policy with regard to promotion of academic staff. In the first place, it had become apparent that a confusing situation had developed with regard to the confirmation of newly appointed members of the staff to permanent appointments after an initial period of what might be regarded as probationary service. It had been the ordinary practice of the School to appoint assistant lecturers for a standard period of four years, but normally to consider them for promotion after not more than three years. If promoted, the lecturer was then given appointment for a further five years, at the end of which his position was reviewed with the intention, if his service had been satisfactory, of then offering him an appointment extending to the retiring age. An entirely separate review was undertaken, in most cases before the expiry of the five-year period as a lecturer but sometimes afterwards, for the purpose of securing the formal recognition of the lecturer's status as a teacher of the University. This recognition, under the former practice of the University, required a separate examination of the teacher's record by the University itself. Thus within a period of some eight or nine years from first appointment, a teacher might expect to undergo three reviews, one for the purpose of promotion from assistant lecturer to lecturer, a second for the purpose of the attainment of the status of recognised teacher of the University, and the third with a view to the extension of his appointment to the retiring age. It was felt that these reviews ought to be reduced in number and the position was simplified by a decision taken

by the University to transfer the effective power of deciding whether a teacher should be recognised to the constituent Schools and Colleges themselves. We have also for some time come to regard the two grades of assistant lecturer and lecturer as very closely allied; in particular we have maintained no separate establishment of numbers in the two grades, so that a promotion from an assistant lectureship to a lectureship does not have to await the occurrence of a vacancy in the higher grade but can be made as soon as we feel that the necessary experience has been gained and the necessary ability has been shown. The practice which has now been brought into operation is that an initial appointment, whether to the assistant lecturer or to the lecturer grade, is ordinarily made for a fixed period of years, determined in the light of the previous experience of the person appointed, but normally not extending beyond five years. Towards the end of that period, it is the intention that we should be able to review the position of the individual concerned so as to take a decision, in most cases simultaneously, on the two questions of recognition as a teacher of the University and of extension of appointment to the retiring age. In the case of an appointment initially at the assistant lecturer level, promotion to a lectureship would normally be made at some stage within the initial period of appointment and before the full review undertaken as a preliminary to recognition and extension of appointment to the retiring age.

Perhaps more important have been decisions taken with regard to promotions beyond the rank of lecturer. Under previous practice, two possibilities of promotion at that stage have existed, one to a senior lectureship, the other to a readership. Promotion to a senior lectureship had come to be regarded as appropriate to a teacher who would not be expected to attain the qualifications necessary for appointment to a University readership. It had accordingly normally been granted to lecturers of considerable seniority in years and only on rare occasions had a senior lecturer been subsequently appointed to a readership. After full examination, it was decided that it would be advantageous to make fuller use of the senior lectureship grade and to establish it as a grade which would, in many cases, perhaps in a considerable majority, be no more than a transitional stage in progress towards a readership. It was in any case intended to give effect to this new policy for the first time in the normal annual review of staff in the Lent Term of 1964, but new importance was given to the operation by the programme of expansion upon which the School decided to embark following on the Robbins Report. As already explained, it was clear that additional staff would be needed to cope with this expansion and since, as has also been explained, it is the intention of the School that, in the longer-run period, its main expansion should be in the postgraduate rather than the undergraduate field, it was particularly important to strengthen the senior sections of the teaching establishment. It was, therefore, decided, both in order to effect that strengthening and in order to make quite clear to the staff of the School the character of the change of policy which was being introduced with regard to the senior lectureships, to make an exceptionally large number of promotions. In actual fact approval was given to 18 promotions to the senior lectureship grade as well as 6 promotions to readerships, either by conferment of title or by appointment to established readerships which were already vacant or were falling vacant. At the same time, in consonance with the general policy of strengthening the senior staff of the School, a particularly large number

of appointments to the professional level were proposed to and accepted by the University.

ACADEMIC STAFF CHANGES

It will be seen from the Appendix that there has been a particularly large number of changes in staff, reflecting both movement to other institutions as a result of the rapid increase in the teaching of social sciences in other universities in the country, and also the provision at the School itself for increased teaching staff to meet the needs of the increased number of students to be admitted in future years. Our losses to other institutions have been grievous, and include those of Professor Kahn-Freund, to a Professorship of Law at Oxford; of Dr. Edith Penrose, who has moved from the Readership in Economics with special reference to the Near and Middle East which she formerly held jointly at the London School of Economics and the School of Oriental and African Studies to a Chair in Economics with special reference to Asia at the latter School; of Mr. S. J. Gould and Mr. J. H. Smith to Chairs of Sociology at Nottingham and Southampton respectively; and Dr. T. C. Barker to the Chair of Economic History at the University of Kent.

No less than nine new appointments to Chairs at the School or conferments of professorial title have been made including the appointments of Dr. F. G. Foster and Mr. J. D. Sargan to new Chairs of Computational Methods and Econometrics respectively; of Mr. S. F. C. Milsom and Mr. K. W. Wedderburn to the vacant Chairs of Legal History and Commercial Law; Dr. A. H. John to an additional Chair of Economic History; and of Dr. Hilde Himmelweit to a newly established Chair of Social Psychology. The title of Professor has been conferred upon Mr. A. C. L. Day, in Economics; Dr. R. J. Harrison-Church, in Geography; and Dr. R. T. McKenzie, in Sociology. In addition the title of Professor of Sociology with special reference to the Far East has been conferred on Mr. R. P. Dore in respect of the post which he holds jointly at the L.S.E. and the School of Oriental and African Studies. Among new appointments to Readerships, special notice may be taken of Mr. J. Potter's appointment to a Readership in Economic History with special reference to the United States which has been established with the assistance of a special grant of \$16,800 from the American Council of Learned Societies. The headship of the School's Department of Modern Languages had been vacant since the retirement three years ago of Professor Rose, but during the year an appointment was made under the title of Director of Studies in Modern Languages of Dr. N. Denison, who will have in the School the full status of the head of a department.

The increasing administrative work resulting from the general expansion of activities, particularly from the larger number of appointments, has necessitated changes in the administrative organisation. Mr. Scriven has become Deputy Secretary and Establishment Officer and his place as Accountant has been taken by Mr. B. T. Parkin.

LIBRARY

Reference has already been made to two important developments in the Library, the decision to create a separate Teaching Library and the provision of

additional space. Two other developments deserve record. The first is the implementation of a project long approved in principle, the establishment of a Library bindery, which was made possible by the availability of space in the "island site" north of Portugal Street. The main advantage expected from this is the convenience of retaining in the Library's own possession material which is awaiting binding, rather than losing custody of it for periods of several months, but we were fortunate that the closing-down of a commercial bindery made it possible to recruit an extremely capable staff, so that the quality of the work done and the output have both been high.

The second point is the acquisition during the year of the papers (mostly correspondence and diaries) of Lord Dalton, given to the Library by Lady Dalton. This acquisition accords with the policy of the Library to acquire whenever possible manuscript material and private papers of value to students of social and economic history.

BENEFACTIONS

The Appendix contains a considerable list of special grants received during the session. Most of these are concerned with research projects financed by foundations or government departments, but a number are related to new academic appointments or studentships. Reference has already been made to the very substantial and welcome response to our appeal for finance for special Graduate Studentships in Economics; another very welcome promise of help in a new academic development was the offer of £10,000 a year for ten years by the Advertising Association to finance a Chair in Marketing. Steps were taken before the end of the session to advertise this Chair, but it appeared that it would be very difficult to fill it with a suitably qualified candidate and no appointment had been made at the end of the session.

Among the grants for research, special reference may be made to the series of grants from business firms in support of studies of questioning techniques used in survey interviews, to be carried out by the Survey Research Unit under Dr. Belson; to the grant from the Ministry of Transport to the Research Techniques Division to finance a Unit on Network Theory and its application to transport problems; and grants to the new Unit on Economic and Statistical Studies of Higher Education for the undertaking of specific projects.

Another particularly noteworthy grant was that of the Ford Foundation to finance a scheme of training courses in demography.

STUDENT AFFAIRS

The Students' Union, the Athletic Union and the numerous student societies continued in their normal vigour but without any developments of exceptional note. Relations between the administration and student representatives remained, as they have been for some years past, cordial. Debates, both at ordinary Union meetings and special gatherings, were well attended and representatives of the L.S.E. Students' Union continued to be active in activities outside the School, in the University of London Union, in the National Union of Students and in the international group of institutions concerned with economic and social studies

known as C.E.D.E.S.E. (Communauté Européenne Des Etudiants En Sciences Economiques.) I have felt some apprehension that these external activities may make excessive calls on the time of some of the School's representatives but I believe the officers of the Students' Union are aware of this danger and I hope they will keep developments of this kind under control.

Another general problem which has given the Union some concern is that of finance. The growing needs of societies, spurred on not infrequently by the example of Students' Unions and societies in other Universities, present the Union with a recurrent problem in fitting all the demands into a limited budget. There has been a feeling that certain social events, especially the traditional Commemoration Ball, which always appears to need a subsidy, are unduly expensive and the Union has taken steps to curtail these expenses. The School has found it possible to increase the grant made to the Students' Union from 1964-65 onward from £3,415 to £4,000. Comparison with the analogous grants made to students' unions in other Universities is very difficult because of different practices as to the categories of expenditure which the Unions have to meet, but when account is taken of the other facilities available for student social life in London through the University and other organisations I feel satisfied that we are giving our own Students' Union a fair share of the resources actually available to us.

OBITUARY

Among the list of losses by death three are specially to be noted. Baron Meyendorf, who died at the age of 94, came to the School after the Russian Revolution of 1917 and served as a lecturer and later as Reader in Russian Institutions and Economics for a number of years before the war. He had kept in contact with us regularly up to the time of his death, which means the cutting of one more link with the life and scholarship of Europe before 1914. Mr. Harold Raynes had served us for many years as a member of the Court of Governors and for a considerable time as a member of the Standing Committee of the Governors. His advice had been particularly helpful in all matters concerned with finance and insurance. Mr. Manning Dacey had been an Honorary Fellow of the School since 1958.

The late John F. Kennedy has been frequently referred to as having studied at the London School of Economics. In fact, although registered as a student in 1938, illness prevented his making any real start and he cannot be counted as in any true sense a product of the School. However, the Academic Board thought it right, in view of the connection, to send a message of sympathy to Mrs. Kennedy on the President's tragic death in November, 1963.

ANNUAL ACCOUNTS 1963—1964

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, 1964 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.
30th November, 1964.

BALANCE SHEET,

1963		FUNDS AND LIABILITIES	
£	£	£	£
	448,544	Freehold Land and Buildings Fund	619,464
	164,333	Rockefeller Endowment Fund ..	172,189
	274,731	Trust Funds (Schedule No. 5) ..	292,288
		Other funds and Current Liabilities	
88,564		Special Funds (Schedule No. 6)	124,865
		Provision for Equipment and Repairs	2,000
3,300		Sundry Creditors	72,776
40,164		Receipts in Advance	15,121
12,196			
<u>144,224</u>			<u>214,762</u>
		Surplus	
3,602		General Reserve	3,602
9,663		Income and Expenditure Account	2,703
<u>157,489</u>			<u>221,067</u>

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

£1,045,097

£1,305,008

31st JULY, 1964.

1963		ASSETS	
£	£	£	£
	448,544	Freehold Land and Buildings (Schedule No. 4) (Valued for Insurance at £901,760)	619,464
		Rockefeller Endowment Fund	
120,759		Investments (Schedule No. 1) ..	112,598
		Freehold Property—31, John Adam Street, London (Valued for Insurance at £14,000) ..	13,968
13,968		Loan for Anson Road and Carleton Road Hostels	35,000
19,407		Loans for Housing	10,000
10,000		Cash at Bank	623
199			
<u>164,333</u>			<u>172,189</u>
		Trust Funds	
258,813		Investments (Schedule No. 2) ..	271,171
		Freehold Property—111/112 High Street, Gosport, Hants. (Valued for Insurance at £35,805)	8,850
8,850		Cash at Bank	12,267
7,068			
<u>274,731</u>			<u>292,288</u>
		Other Assets	
26,006		Investments (Schedule No. 3) ..	29,061
9,893		Loans for Housing	10,438
72,291		Sundry Debtors	123,403
		Payments in advance and Other Current Assets	35,692
28,825		Cash at Bank and in Hand ..	22,473
20,474			
<u>157,489</u>			<u>221,067</u>

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.

£1,045,097

£1,305,008

INCOME AND EXPENDITURE ACCOUNT

1962-63		EXPENDITURE			
£	£	£	£		
1. Administration and Common Services					
78,459		Salaries	88,901		
5,121		Superannuation	6,146		
		Printing, Stationery, Advertising, Post- age and Telephones	34,886		
31,194		Other Expenses	1,726		
2,609					
	117,383				131,659
2. Departmental Maintenance					
445,414		Teaching Staff—Salaries	522,724		
41,268		" " —Superannuation	48,431		
24,168		Research Expenditure met from Income	36,812		
120,335		Research Expenditure met by donations	98,592		
45,864		Departmental Staff—Salaries	52,630		
2,399		" " " —Superannuation	2,628		
12,151		Departmental Maintenance	15,086		
	691,599				776,903
3. Library					
52,189		Salaries	57,195		
3,761		Superannuation	4,212		
159		Edward Fry Library	129		
		Purchase of books and periodicals, bind- ing and other expenditure	28,010		
24,753					
	80,862				89,546
4. Maintenance of Premises					
14,623		Rents	17,864		
26,918		Rates	46,206		
2,475		Insurances	2,586		
20,758		Heat, light and water	21,050		
9,591		Equipment	11,478		
27,190		Repairs and general maintenance	26,842		
71,846		Salaries and wages	79,346		
3,040		Superannuation	3,297		
	176,441				208,669

FOR THE YEAR ENDED 31st JULY, 1964.

1962-63		INCOME			
£	£	£	£		
1. Endowments					
<i>(a) Appropriated for particular purposes:</i>					
500		Montague Burton Trust	500		
323		Business Administration Trust	262		
7,156		Cassel Trust (Commerce)	5,697		
		Cassel Trust (Modern Languages)	—		
110		Auguste Comte Trust	220		
119		Hobhouse Trust	141		
64		Malinowski Trust	50		
535		Passfield Trust	441		
728		Skepper Trust	679		
1,253		Stevenson Trust	1,200		
110		Tooke Trust	106		
629		Martin White Trust	602		
96		Whittuck Trust	81		
	11,623				9,979
<i>(b) Appropriated for general purposes:</i>					
122		Ratan Tata Fund	117		
13,848		Rockefeller Endowment Fund	13,365		
	13,970				13,482
2. Donations and Subscriptions					
<i>(a) For Research:</i>					
	120,335	Sundry Donations (Schedule No. 7)			98,592
<i>(b) For other purposes:</i>					
1,273		American Studies	1,839		
411		Noel Buxton Trust	—		
		Chair in the Economics of Underde- veloped Countries and Economic Deve- lopment	3,865		
3,857		Edward Fry Trust	128		
159		Ford Foundation	10,861		
12,276		Leverhulme	1,520		
1,504		Shell	620		
		Statistics and Computing	—		
227		Dr. Tugendhat	928		
		Sundry Donations	506		
54					
	19,761				20,267
3. Grants					
	714,000	University Court	776,000		
	18,648	" " Salaries 1962	20,819		
	18,842	" " " 1963	59,345		
		" " " 1964	37,098		
	36,287	" " Rates	42,588		
		" " Hayter Sub-committee	1,441		
		" " Management Studies	7,000		
	787,777				944,291

INCOME AND EXPENDITURE ACCOUNT

1962-63			1962-63	
£	£		£	£
		5. Educational Expenses		
1,783		Examinations	1,828	
173		Public Lectures	420	
1,459		Publications	2,320	
4,782		Studentships, scholarships and bursaries	4,714	
		Contribution to Universities Central		
1,455		Council on Admissions	1,924	
	9,652			11,206
		6. Student Facilities and Amenities		
7,665		Grants to Unions and Union Societies	8,118	
6,495		Athletics Ground Maintenance	7,149	
4,321		Careers Advisory Service	4,834	
4,775		Medical Services	6,879	
		Students' Hostel:		
2,988		Wardens	4,227	
773		Profit for year	(Cr.) 35	
	27,017			31,172
		7. Capital Expenditure met from Income		2,335
	3,724			
		8. Other Expenditure		
100		Benevolent Fund	100	
4,049		Hospitality and entertainment allowances	5,104	
5,616		Pensions met from General Income ..	7,638	
137		Subventions to research		
856		Sundry Expenses	1,500	
	10,758			14,342
		9. Transfers to Special Accounts		
6,296		Rates Suspense	1,581	
		Management Studies	6,842	
	6,296			8,423
		TOTAL EXPENDITURE		1,274,255
1,123,732				
£1,123,732				£1,274,255
		Excess of expenditure over income b/d	6,959	
2,190		Balance carried forward	2,703	
9,662				
£11,852				£9,662

NOTE.—The aggregate amount to be disclosed under

FOR THE YEAR ENDED 31st JULY, 1964—continued.

1962-63			1962-63	
£	£		£	£
		4. Fees		
154,941		Tuition	163,266	
416		Examination	445	
	155,357			163,711
		5. Contributions received for Services		
	7,813	Rendered		6,135
		6. Miscellaneous		
645		Interest Received	606	
3,463		Rents	2,930	
379		Sundry Receipts	476	
	4,487			4,012
		7. Transfers from Special Accounts		
419		Business Administration	531	
		Rates Suspense	6,296	
	419			6,827
		TOTAL INCOME		1,267,296
1,121,542		Excess of Expenditure over income c/d	6,959	
2,190				
£1,123,732				£1,274,255
		Surplus from previous years		9,662
11,852				
£11,852				£9,662

Section 196 (1) of the Companies Act, 1948, is £6,150.

INVESTMENTS HELD AT 31st JULY, 1964

SCHEDULE No. 1

ROCKEFELLER ENDOWMENT FUND:—
1. QUOTED

	NOMINAL VALUE £ s. d.	COST £ s. d.	%	MARKET VALUE £
3% Savings Bonds, 1965-75	324 4 6	273 13 11		251
Irish Free State 4½% Land Bonds, 2004	1,111 0 0	1,202 10 11		883
		1,476 4 10	1.7	1,134

BRITISH GOVERNMENT STOCKS AND STOCKS OF OTHER PUBLIC AUTHORITIES.

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PREFERENCE	NOMINAL VALUE £ s. d.	COST £ s. d.	%	MARKET VALUE £
Caledonia Investments Ltd. "B" Preference Stock	5,000 0 0	7,250 0 0	8.2	3,500

EQUITIES

British Petroleum Co. Ltd. Ordinary Stock	2,304 0 0	4,065 13 6		6,451
Caledonian Trust Co. Ltd. Ordinary Stock (5/- units)	2,865 5 0	2,215 15 0		8,023
Continental and Industrial Trust Ltd. Ordinary Stock (5/- units)	2,566 15 0	5,906 14 7		17,197
Distillers Co. Ltd. Ordinary Shares of 10/- each	3,465 0 0	4,812 12 0		9,355
Home and Foreign Investment Trust Ltd. Ordinary Shares of 5/- each	10,162 10 0	7,876 18 7		29,471
Imperial Chemical Industries Ltd. Ordinary Stock	2,835 0 0	2,751 2 0		6,290

Industrial and General Trust Ltd. Ordinary Stock (5/- units)	1,071 0 0	2,318 11 9		6,962
Lancashire Cotton Corporation Ltd. Ordinary Stock	2,000 0 0	2,392 17 7		5,500
Liner Holdings Co. Ltd. Stock	2,000 0 0	2,069 6 4		5,350
Liverpool Warehousing Co. Ltd. Ordinary Stock (4/- units)	1,034 16 0	2,835 3 7		2,522
London and Montrose Investment Trust Ltd. Ordinary Stock (5/- units)	7,500 0 0	5,055 0 0		24,750
Mercantile Investment Trust Ltd. Ordinary Stock (5/- units)	1,848 0 0	1,485 10 9		5,590
Metal Traders Ltd. Ordinary Stock (2/- units)	1,150 0 0	5,020 19 9		3,881
Redland Holdings Ltd. Ordinary Stock (5/- units)	1,680 0 0	3,274 3 0		9,744
Scottish and Newcastle Breweries Ltd. Ordinary Stock	2,500 0 0	3,414 15 11		8,437
Shell Transport and Trading Co. Ltd. Ordinary Shares of 5/- each	2,500 0 0	5,417 3 8		20,625
Sphere Investment Trust Ltd. Ordinary Shares of 5/- each	2,250 0 0	3,021 7 0		9,562
John Summers and Sons Ltd. Ordinary Shares of £1 each	2,025 0 0	4,679 8 3		3,480
Tube Investments Ltd. Ordinary Stock	1,000 0 0	2,098 16 3		3,125
Turner and Newall Ltd. Ordinary Stock	2,500 0 0	3,204 11 4		7,422
Westminster Bank Ltd. "B" Shares of £1 each	2,730 0 0	5,904 13 10		6,233
	79,821 4 8	90.1		199,970
				£88,547 9 6
				100.0
				£204,604

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TOTAL OF QUOTED INVESTMENTS

2. UNQUOTED

Economists' Bookshop Ltd. "B" Shares of £1 each	2,000 0 0	2,000 0 0		
Economists' Bookshop Ltd. "C" Shares of £1 each	50 0 0	50 0 0		
Baring Bros.; Deposit Account	12,000 0 0	12,000 0 0		
Wellington R.D.C. 5½% Deposit	10,000 0 0	10,000 0 0		
	24,050 0 0			
				£112,597 9 6

TOTAL CARRIED TO BALANCE SHEET

INVESTMENTS HELD AT 31st JULY, 1964—continued.

SCHEDULE No. 2

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

	NOMINAL VALUE			MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST			MARKET VALUE			
	£	s.	d.	£	s.	d.	£	s.	d.	
1. QUOTED										
BRITISH GOVERNMENT STOCKS										
3% Savings Bonds, 1965-75	1,934	0	11	1,540	1	6				1,499
5½% Treasury Stock, 2008-12	45,103	9	11	44,982	17	1				41,495
				46,522	18	7	25.7			42,994
DEBENTURES										
British Sidac Ltd. 5½% Debenture Stock, 1985-90	5,000	0	0	5,000	0	0				4,625
De la Rue Co. Ltd. 5¼% Debenture Stock, 1988-93	10,000	0	0	9,900	0	0				9,150
Electric and General Investment Co. Ltd. Second Convertible Debenture Stock, 1983-88	5,000	0	0	5,101	5	5				5,125
Forte's (Holdings) Ltd. 5¼% Debenture Stock, 1983-88	5,000	0	0	4,900	0	0				4,625
Laporte Industries Ltd. 5¼% Debenture Stock, 1988-93	10,000	0	0	9,900	0	0				9,400
Radio Rentals Ltd. 6¼% Convertible Loan Stock, 1983-88	5,000	0	0	5,514	12	5				6,000
Sheepbridge Engineering Ltd. 5¾% Debenture Stock, 1984-89	10,000	0	0	9,850	0	0				9,250
Whitbread Investment Co. Ltd. 5¼% Debenture Stock, 1984-89	10,000	0	0	9,800	0	0				9,250
	59,965	17	10	57,425			33.1			57,425
EQUITIES										
Allied Breweries Ltd. Ordinary 5/- Shares	2,500	0	0	6,559	4	6				8,000
Courtaulds Ltd. Ordinary Stock	2,000	0	0	5,962	10	0				8,250
Distillers Co. Ltd. Ordinary 10/- Shares	2,800	0	0	6,492	10	10				7,560
Dunlop Rubber Co. Ltd. Ordinary Stock (10/- units)	2,000	0	0	4,950	0	0				5,600
Great Universal Stores Ltd. "A" Ordinary 5/- Stock Units	666	10	0	6,391	1	0				6,465
Imperial Chemical Industries Ltd. Ordinary Stock	3,000	0	0	6,367	19	9				6,656
				74,531	9	2	41.2			84,536
				£181,020	5	7	100.0			£185,014

Lancashire Cotton Corporation Ltd. Ordinary Stock	1,000	0	0	2,200	0	0				2,750
Lewis's Investment Trust Ltd. Ordinary 4/- Shares	800	0	0	2,878	8	6				3,000
Leyland Motor Corporation Ltd. Ordinary Stock	1,000	0	0	4,312	10	0				5,875
London and Strathclyde Trust Ltd. Ordinary 5/- Stock Units	2,400	0	0	6,111	1	9				6,960
J. Lyons and Co. Ltd. "A" Ordinary Stock	1,000	0	0	3,750	0	0				4,037
Scottish United Investors Ltd. Ordinary Stock (5/- units)	1,875	0	0	6,161	11	10				6,469
Turner and Newall Ltd. Ordinary Stock	1,200	0	0	2,887	10	0				3,562
Whitbread and Co. Ltd. "A" Ordinary 5/- Units	1,875	0	0	6,703	18	6				6,844
Worthington Simpson Ltd. Ordinary 10/- Shares	650	0	0	2,803	2	6				2,567
				74,531	9	2	41.2			84,536
				£181,020	5	7	100.0			£185,014

The General (Narrow Powers) pool consists of 175,794 investment units. At 31 July 1964 the market value of the investments held represented a value for each unit of 21s. 1d. The units are held for the following trusts:

NAME OF TRUST	No. of UNITS HELD
Sir William Acworth Memorial	1,764
Bowley Prize	169
Cassel: Teaching in Commerce	146,887
Cassel: Teaching of Modern Languages	16,656
Mary Elizabeth Christie Memorial	415
Auguste Comte Memorial	940
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	486
Rosebery	2,590
Graham Wallas	142
Whittuck Lectureship in Commercial Law	2,096
Allyn Young Prize	153
	175,794

INVESTMENTS HELD AT 31st JULY, 1964—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				
5½% Exchequer Stock, 1966	9,761 3 6	9,960 9 7	51.9	9,987
DEBENTURES				
Mercantile Investment Trust Ltd. 4% Redeemable Debenture Stock, 1960-68	2,410 0 0	2,193 2 0	11.4	2,266
EQUITIES				
Canadian and Foreign Investment Trust Ltd. Ordinary 5/- Shares	750 0 0	3,394 6 8		3,750
Second Scottish Northern Investment Trust Ltd. Ordinary 5/- Shares	750 0 0	3,634 2 10		3,900
		7,028 9 6	36.7	7,650
TOTAL OF QUOTED INVESTMENTS	19,182 1 1	100.0		19,903
2. UNQUOTED				
Chelmsford R.D.C. 7% Mortgage	2,400 0 0			2,400
Darlaston U.D.C. 5½% Loan	5,000 0 0			5,000
	7,400 0 0			7,400
TOTAL OF UNQUOTED INVESTMENTS	£26,582 1 1			26,352

The Capital Expenditure (Narrow Powers) pool consists of 26,352 investment units. At 31 July 1964 the market value of the investments held represented a value for each unit of 23s 9d. The units are held for the following trusts:

NAME OF TRUST	No. of UNITS HELD
Department of Business Administration	5,383
Chair of Economics of Underdeveloped Countries and Economic Development	5,819
Dixon Cambridge Fowl and Cup	56
Rees Jeffreys' Research Fellowship	1,412
Research Fellowship in the Economics of Latin America	13,682
	<u>26,352</u>

C. GENERAL (WIDE POWERS) POOL

QUOTED	NOMINAL VALUE	MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST		MARKET VALUE
		£	s. d.	
BRITISH GOVERNMENT STOCKS				
5½% Treasury Stock, 2008-12	1,918 10 7	1,927 13 6	34.7	1,765
DEBENTURES				
Canadian Pacific Railway Co. 4% Perpetual Consolidated Debenture Stock	1,152 0 0	720 0 0	13.0	674
EQUITIES				
Allied Breweries Ltd. 5/- Ordinary Shares	100 0 0	275 0 0		320
Anglo Scottish Investment Trust Ltd. 5/- Ordinary Stock Units	259 15 0	733 11 4		779
Lancashire Cotton Corporation Ltd. Ordinary Stock	500 0 0	1,081 0 0		1,375
London and Overseas Investment Co. Ltd. 5/- Ordinary Shares	137 10 0	330 0 0		385
Phoenix Assurance Co. Ltd. 5/- Shares	10 10 0	231 0 0		294
Royal Insurance Co. Ltd. 5/- Ordinary Stock Units	32 10 0	258 0 0		260
	2,908 11 4	52.3		3,413
TOTAL	£5,556 4 10	100.0		5,852

The General (Wide Powers) pool consists of 5,551 investment units. At 31 July 1964 the market value of the investments held represented a value for each unit of 21s. 1d. The units are held for the following trusts:

NAME OF TRUST	No. of UNITS HELD
Reg Eassett Memorial	360
Janet Beveridge	596
Chidambaram Chettiar	550
Sally Codrington	909
Farr Prize	309
Gonner Prize	129
Gourgey	27
Hughes Parry Prize	346
Singer Research I	492
Hutchins' Studentship for Women	1,883
	<u>5,551</u>

INVESTMENTS HELD AT 31st JULY, 1964—continued.

SCHEDULE No. 2—continued

D. CAPITAL EXPENDITURE (WIDE POWERS) POOL QUOTED		NOMINAL VALUE		MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST		MARKET VALUE	
	£	s.	d.	£	s.	d.	%
BRITISH GOVERNMENT STOCKS							
5½% Conversion Stock, 1974
5½% Exchequer Stock, 1966	988	13	7	..
3% Savings Bonds, 1960-70	2,654	4	7	..
	91	9	7	..
				<u>3,848 0 11</u>			<u>77.3</u>
EQUITIES							
Broadstone Investment Trust Ltd. Ordinary 4/- Shares	108	8	0	..
English and International Trust Ltd. Ordinary £1 Shares	60	0	0	..
London and Overseas Investment Co. Ltd. 5/- Ordinary Shares	89	5	0	..
				<u>1,132 5 0</u>			<u>22.7</u>
				<u>£4,980 5 11</u>			<u>100.0</u>
				<u>1,246</u>			
				<u>5,005</u>			

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The Capital Expenditure (Wide Powers) pool consists of 4,986 investment units. At 31 July 1964 the market value of the investments held represented a value for each unit of 20s. 1d. The units are held for the following trusts:

NAME OF TRUST		No. of UNITS HELD	
Manor Charitable Trust	1,767
History of Prices and Wages	2,419
Singer Research II	464
Social Administration Research	336
			<u>4,986</u>

E. OTHER		NOMINAL VALUE		COST		MARKET VALUE	
	£	s.	d.	£	s.	d.	%
1. QUOTED							
BRITISH GOVERNMENT STOCKS							
British Transport 3% Guaranteed Stock, 1968-73
5% Conversion Stock, 1971	475	7	7	..
5½% Conversion Stock, 1974	2,155	18	0	..
5½% Exchequer Stock, 1966	1,001	1	0	..
3½% Funding Stock, 1999-2004	164	13	4	..
	1,925	0	1	..
	5,139	6	0	..
				<u>8,974 2 11</u>			<u>28.8</u>
				<u>4,800 0 0</u>			<u>15.4</u>
				<u>4,350</u>			
DEBENTURES							
Commonwealth Development Finance Co. Ltd. 5½% Debenture Stock, 1983-86..	5,000	0	0	..
				<u>5,780 0 0</u>			<u>18.5</u>
PREFERENCE							
Montague Burton Ltd. 7% Cumulative Preference Shares of £1 each
				<u>5,780 0 0</u>			<u>18.5</u>
EQUITIES							
Birmid Industries Ltd. Ordinary Shares of £1 each	840	0	0	..
J. & P. Coats, Patons and Baldwins Ltd. Ordinary Shares	366	0	0	..
Continental and Industrial Trust Ltd. Ordinary Stock (5/- units)	301	5	0	..
Gestetner Ltd. Ordinary Stock (5/- units)	50	0	0	..
Gestetner Ltd., "A" Ordinary Stock (5/- units)	730	5	0	..
House of Fraser Ltd. Ordinary 5/- Stock units	236	5	0	..
Imperial Chemical Industries Ltd. Ordinary Stock	661	0	0	..
Imperial Chemical Industries Ltd. Ordinary Stock	1,394	0	0	..
				<u>922 10 0</u>			<u>4.305</u>
				<u>456 5 0</u>			<u>782</u>
				<u>995 15 5</u>			<u>2,018</u>
				<u>424 1 6</u>			<u>260</u>
				<u>381 5 0</u>			<u>3,213</u>
				<u>369 5 10</u>			<u>1,477</u>
				<u>3,277 18 9</u>			<u>1,467</u>
				<u>8,857</u>			<u>3,093</u>

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INVESTMENTS HELD AT 31st JULY, 1964—continued.

SCHEDULE No. 2—continued

EQUITIES—continued	NAME OF FUND	NOMINAL VALUE		COST		MARKET VALUE
		£	s. d.	£	s. d.	
London and Overseas Investment Co. Ltd. 5/- Ordinary Shares	Rees Jeffreys Studentship	1,223	5 0	1,458	11 11	3,425
Murex Ltd. Ordinary Stock	" "	350	0 0	418	15 0	602
Thomas Tilling Ltd. Ordinary Stock (4/- units)	" "	134	8 0	161	19 6	806
Watney Mann Ltd. Ordinary Stock (5/- units)	" "	104	0 0	443	8 6	577
Whitbread and Co. Ltd. "A" Ordinary Stock (5/- units)	" "	625	0 0	2,317	6 11	2,281
	Skepper					
		11,627	3 4	37.3		24,306
		31,181	6 3	100.0		43,293

TOTAL OF QUOTED INVESTMENTS

2. UNQUOTED

Frimley and Camberley U.D.C. 4½% Loan	Various	5,000	0 0
Halstead R.D.C. 4½% Loan	Research in Advertising	8,500	0 0
Westminster Bank Ltd. Deposit Account	Various	8,350	9 0

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TOTAL OF UNQUOTED INVESTMENTS

TOTAL

TOTAL CARRIED TO THE BALANCE SHEET

SCHEDULE No. 3

GENERAL INVESTMENTS:

1. QUOTED	NAME OF FUND	NOMINAL VALUE		COST		MARKET VALUE
		£	s. d.	£	s. d.	
BRITISH GOVERNMENT STOCKS						
5% Conversion Stock, 1971	Passfield Hall	800	16 0	800	0 0	773
5½% Exchequer Stock, 1966	Montague Burton	200	0 0	207	15 11	205
3% Savings Bonds, 1955-65	Commerce Degree	675	0 9	699	7 4	691
5½% Treasury Stock, 2008-12	Manchester Oil Refinery	2,393	3 5	2,311	14 1	2,342
	Students' Union	1,549	13 8	1,500	0 0	1,517
	Passfield	3,955	8 8	3,973	6 9	3,639
		9,492	4 1	36.8		9,167

DEBENTURE STOCKS

Bankers Investment Trust Ltd. 4% Debenture Stock	Passfield	920	0 0	999	11 0	561
Liebig's Extract of Meat Co. Ltd. 5¼% Debenture Stock, 1980-85	Discretionary Pensions	1,450	0 0	1,428	5 0	1,334
Metal Box Co. Ltd. 5½% Unsecured Loan Stock, 1977-80	" "	3,500	0 0	3,439	3 0	3,167
		5,866	19 0	22.7		5,062

EQUITIES

Caledonian Trust Co. Ltd. Ordinary Stock (5/- units)	Passfield	618	15 0	1,227	14 3	1,732
Clydesdale Investment Co. Ltd. Stock (5/- units)	Discretionary Pensions	803	0 0	1,666	6 10	2,128
De Beers Consolidated Mines Ltd., Deferred Shares of Rands 0.50 each	Passfield	Rds. 125.00		1,255	17 9	1,680
English and International Trust Ltd. Ordinary £1 Shares	Discretionary Pensions	1,997	0 0	2,706	16 6	5,429
Guest, Keen and Nettlefolds Ltd. Ordinary £1 Shares	Passfield	187	0 0	485	19 10	458
Guest, Keen and Nettlefolds Ltd. Ordinary £1 Shares	Discretionary Pensions	225	0 0	582	4 9	551
Hong Kong and Shanghai Banking Corporation Shares of HK \$25 each	Passfield	HK \$2,500		1,331	4 6	2,175
Imperial Chemical Industries Ltd. Ordinary Stock	Discretionary Pensions	276	0 0	632	12 9	612
Royal Insurance Co. Ltd. Ordinary Stock (5/- units)	Passfield	70	0 0	577	1 6	560
		10,465	18 8	40.5		15,325
		£25,825	1 9	100.0		29,554

TOTAL OF QUOTED INVESTMENTS

2. UNQUOTED

Abbey National Building Society: Share Account	735	7 11
Wellington R.D.C. 5½% Deposit	2,500	0 0
	£3,235	7 11
	£29,060	9 8

TOTAL OF UNQUOTED INVESTMENTS

TOTAL CARRIED TO THE BALANCE SHEET

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FREEHOLD LAND AND BUILDINGS AT 31st JULY, 1964

SCHEDULE No. 4.	COST
School Properties:—	£
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 Clements Inn Passage	170,920
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
	<u>£619,464</u>

TRUST FUNDS AT 31st JULY, 1964

SCHEDULE No. 5.	CAPITAL	UNEXPENDED INCOME
NAME OF FUND	£	£
Sir William Acworth Memorial	1,819	68
Research in Advertising and Promotional Activity	13,658	—
Harriet M. Bartlett	37	—
Reg Bassett Memorial	360	16
Janet Beveridge	597	30
Bowley Prize	174	6
Montague Burton Chair of International Relations	8,850	—
Montague Burton Memorial	5,780	337
Department of Business Administration	5,629	—
Cassel Teaching in Commerce	151,429	—
Cassel Teaching of Modern Languages	17,171	2,240
Chidambaram Chettiar	512	55
Mary Elizabeth Christie Memorial	428	20
Sally Codrington	911	58
— Auguste Comte Memorial	978	193
Dixon Cambridge Bowl and Cup	57	3
Chair of Economics of Underdeveloped Countries and Economic Development	7,208	—
Research Fellowship in the Economics of Latin America	13,472	—
Farr Prize	309	12
Gonner Prize	129	6
Gourgey	27	1
Graduate Studentships in Economics	12,937	—
Greek Shipowners' Scholarship	836	—
History of Prices and Wages	2,000	—
— Hobhouse Memorial	1,141	—
Hutchins' Studentship for Women	1,835	80
Hutchinson Medal	13	4
Rees Jeffreys' Research Fellowship	1,227	—
Rees Jeffreys' Studentship	5,505	620
Lilian Charlotte Knowles Memorial	935	47
Harold Laski Scholarship	1,067	44
Charles Mostyn Lloyd Prize	362	24
Manor Charitable Trust	2,645	—
— Malinowski Memorial Lecture	1,167	217
George and Hilda Ormsby	1,000	55
Hughes Parry Prize	346	17
Wilson Potter	98	4
Premchand Prize	501	20
Rosebery	2,671	99
Singer Research	1,007	54
Skepper	13,741	—
Statistics and Computing	4,506	—
Dr. Tugendhat	411	—
Graham Wallas	144	—
Whittuck Lectureship in Commercial Law	2,161	—
Allyn Young Prize	157	10
	<u>£287,948</u>	<u>£4,340</u>

SPECIAL FUNDS AT 31st JULY, 1964

SCHEDULE No. 6.	£
American Studies	295
Arthur Andersen Prize	15
Anthropology (Malinowski) Library	45
British Petroleum Co. Ltd.	1,435
Brookings Institute	694
Montague Burton Fund	254
Noel Buxton Studentship	140
Cadbury	209
Carnegie	9,635
Commerce Degree	809
Commonwealth Fund	41
D.S.I.R. and M.R.C. Research Training Support Grants	202
Discretionary Pensions	15,858
H. V. Duckworth	34
Electricity Council	250
Ford Foundation:	
Demographic Training	16,276
Human Behaviour	200
International Studies	4,040
Home Office:	
Dr. Himmelweit	282
Mr. Hall Williams	209
Houblon-Norman	342
Leverhulme Trust:	
Miss Harwood	1,635
Scholarships	215
Library Catalogue	6,136
Manchester Oil Refinery	2,347
National Science Foundation	606
National Institute of Mental Health.. .. .	1
Nuffield Foundation:	
Bibliography of Statistical Literature	733
London/Cornell	23,896
History of Prices and Wages	1,612
Soviet Law	577
Unit for Economic and Statistical Studies in Higher Education	4,439
Nuffield Provincial Hospitals Trust	501
Office of Health Economics	1
Passfield Fund	10,161
Passfield Studentships	132
Publication Funds:	
Economica	3,796
Monographs in Social Anthropology	3,383
Reprints	1,871
Sociological Publications	501
Questionnaire Research	4,035
Research Studentship in the Sociology of the Jews in Britain	700
Rockefeller Foundation	235
Rodwell Jones Memorial	77
Rowntree Trust	1,612
Shell International Petroleum Co. Ltd.:	
Economics	914
Geography	902
Social Administration Research	241
Student Loans:	
Long-Term	1,058
Mental Health	448
Social Science	65
Wellcome Foundation	55
Wenner-Gren:	
Professor Firth	119
S.E. Asia Research	596

£124,865

DONATIONS AND SUBSCRIPTIONS FOR RESEARCH

SCHEDULE No. 7.	£
Brookings Institute	800
Carnegie	3,455
Columbia University	90
Department of Scientific and Industrial Research:	
Dr. Himmelweit	4,749
Supervisory Tasks	1,492
Ford Foundation:	
Human Behaviour	173
International Studies	4,691
Granada T.V. Network Ltd.	151
Home Office:	
Dr. Himmelweit	218
Methods of Investigating Crime	13,408
Mr. Hall Williams	64
Research Fellowship in the Economics of Latin America	5,494
P. D. Leake Fellowship	667
Medical Research Council	1,271
Ministry of Health	218
Ministry of Housing	1,940
Ministry of Labour	758
Ministry of Public Building and Works	1,467
Ministry of Transport	2,003
National Institute of Mental Health:	
Dr. Himmelweit	88
Mr. Rosenberg	127
Mr. Townsend	7,456
National Science Foundation	5,646
Nuffield Foundation:	
Bibliography of Statistical Literature	767
Fellowship in the Politics of Eastern Europe	787
Government in Greater London	2,813
History of Prices and Wages	352
London/Cornell	4,104
Soviet Law	1,480
Unit for Economic and Statistical Studies in Higher Education	6,612
Nuffield Provincial Hospitals Trust:	
Dr. Abel-Smith	516
Mr. Apte	144
Office of Health Economics	507
Questionnaire Research	7,964
Rees Jeffreys' Road Fund	5,987
Rockefeller Foundation:	
International Studies	167
Strategic Studies	17
Mr. Warner	1,517
Rowntree Trust:	
Fellowship in Social Administration	564
History of Prices and Wages	352
Housing Study	4,879
Miss Nevitt	492
Singer Research	95
Social Administration Research	358
Frederick Soddy Trust	224
Wellcome Foundation	1,260
Women in Industry	208

£98,592

OBITUARY

The School records with deep regret the deaths of:—

The Right Hon. LORD ALEXANDER, a Governor of the School from 1936 to 1958.

MORITZ JULIUS BONN, a Part-time Lecturer at the School from 1933 to 1939.

FRANK PENTLAND CHAMBERS, a member of the staff from 1947 to 1964 (Lecturer in International Relations from 1947 to 1962, Senior Lecturer in International Relations from 1962 to 1964).

WILLIAM MANNING DACEY, a student of the School from 1929 to 1938 and an Honorary Fellow of the School from 1958.

SYLVIA MARJORIE COURTNEY JARRETT, a member of the staff from 1959 to 1965.

THEODORE FRANK THOMAS PLUCKNETT, Professor of Legal History at the School from 1931 to 1963.

EDMUND CECIL RHODES, Reader in Statistics, 1924 to 1958.

DERYCK ROBERT ENDSLEIGH ABEL, a student of the School from 1936 to 1939 and from 1940 to 1941.

FERDINAND ONYEMOBI ANIEKWE, a student of the School since 1959.

JAMES PERCY BALDWIN, a student of the School from 1922 to 1927 and from 1929 to 1930.

WILLIAM ARCHIBALD BENALICK, a student of the School from 1961 to 1963.

MARJORIE ALICE BROWN, a student of the School from 1936 to 1937.

JOHN SCOTT HENDERSON, a student of the school from 1919 to 1925.

ROSEMARY WALTHAM HUGHES (née Frost), a student of the School from 1938 to 1941 and from January to March 1944.

MICHAEL THOMAS LING, a student of the School from 1963 to 1964.

WILLIAM ALLAN MCPHEE, a student of the School from 1922 to 1925.

HUGH OWEN MEREDITH, a student of the School from 1901 to 1904.

JOHN I. SYNDER, JR., a student of the School from 1934 to 1936.

Academic Awards

SCHOLARSHIPS, STUDENTSHIPS AND PRIZES AWARDED IN 1964

(a) Awarded by the School

Entrance Scholarships

Leverhulme Scholarships

KEITH DEREK DEANE (Middlesbrough High School).
DAVID STEVENSON (Coleg Harlech).

Scholarships for Mathematicians

ROSAMUND FIELDEN BUTTERWORTH (Weymouth Grammar School).
GABRIEL YEHUDAH HANDLER (Hasmonean Grammar School).
GEOFFREY LIEVESLEY (Staveley Netherthorpe Grammar School).
ROSEMARY JANE MEDLAR (The Maynard School).
LESLEY JACQUELINE MOTT (Worthing High School).
JOHN ALAN STEEL TUCKER (Wolstanton County Grammar School).

Leverhulme Adult Scholarship

RONALD LESLIE COUCHMAN.

Undergraduate Awards

Christie Exhibition

CLAUDINE PRUDENCE SPENCER.

Lilian Knowles Memorial Scholarship

JOHN MICHAEL ATKIN.

Harold Laski Scholarship

ANTHONY STEWART PRATT.

Rosebery Scholarship

Not Awarded.

Undergraduate Scholarships

DAVID PATRICK FRISBY.
IQBAL ISMAIL ALI HAJI.
ANTHONY GEORGE HOPWOOD.
CHRISTOPHER MARTIN LANGFORD.

Graduate Awards

S. H. Bailey Scholarship in International Law

HARRY HAVENS ALMOND.

Graduate Awards—continued**Graduate Studentships**

JOHN HORSLEY RUSSELL DAVIS.

Graduate Studentships in Economics

JOHN ANGUS BRACK.
 HUGH MICHAEL DICKINSON.
 CHARLES HUGH EAVES.
 BRIAN GRIFFITHS.
 AUDREY KIDEL.
 RICHARD MICHAEL KUPER.
 KYRAN M. McLAUGHLIN.
 ALAN MAURICE MARIN.
 RALPH DAVID OPPENHEIMER.
 DOUGLAS JOHN PAYNE.
 JAMES RICHMOND.
 MORGAN EUGENE CYRIL SANT.
 MAURICE IAN TOWNSEND.
 ALFREDS HELMUTS VANAGS.

Greek Shipowners Studentship

GEORGE CATEPHORES.

Madge Waley Joseph Memorial Scholarship

BARBARA ANNE CHARLWOOD.

Leverhulme Graduate Entrance Studentships for Overseas Students

MALCOLM JOEL BARNETT.
 PETER MARY EUGENE FIGUEROA.
 MICHAEL ALAN GUHIN.

Leverhulme Research Studentships

LAWRENCE STEWART EDWARDS.
 ANN BANNON MARBUT.

Leverhulme Research Studentship for Overseas Students

RONALD KIRKWOOD HOUSE.

Montague Burton Studentship in International Relations

ROBERT RANDOLPH COPAKEN.

Rees Jeffreys Studentship in Transport

Not Awarded.

Scholarship in International Law

LAWRENCE BERNARD FISHER.

Studentship in the Economics of Latin America

IVAN WEIR.

Studentship in Russian Studies

PETER BRIAN REDDAWAY.

Medals and Prizes**Arthur Andersen Prize in Accounting**

DOUGLAS MARTIN YATES.

Harriet Bartlett Prize

Not Awarded.

Bassett Memorial Prizes

DAVID ALWYN GRIFFITHS.
 KENNETH THIRLWELL.

Janet Beveridge Award

URSULA VIOLET KEEBLE.

Director's Essay Prize

CLAUDINE PRUDENCE SPENCER.

Farr Medal and Prize

JOSEPH SEKOH ABBEY.

Gonner Prize

ALAN MAURICE MARIN.

Gourgey Essay Prize

MICHAEL JAMES DAVEY.

Hobhouse Memorial Prize

FRANCES MARY DOHERTY.

Hughes Parry Prize

IAN DAVID PATTERSON.

Mostyn Lloyd Memorial Prize

DAVID OLUFEMI ROTIMI.
 ORA THOMSON.

Jessy Mair Cup for Music

STEWART FRANK RICHARDS.

George and Hilda Ormsby Prize

GEOFFREY EDGE.

Premchand Prize

LAURENCE HARRIS.

Raynes Undergraduate Prize

FRANCIS BRIAN PIZZALA.

Rosebery Prize

MICHAEL WINSTON PONSFORD.

Medals and Prizes—continued**School Prizes**

DEREK LESLIE COOK.
 ADU KOFI DJIN.
 FRANCIS ALASTAIR FULBROOK.
 IQBAL ISMAIL ALI HAJI.
 PAUL NEWBOLD.
 JOAN LESLEY PAGE.
 PHILIP WILLIAM POWELL.
 MICHAEL GEORGE SCOREY.

Allyn Young Prize

WILLIAM ARNOLD LENNOX HASLYN PARRIS.

(b) Awarded by the University**Gerstenberg Studentship**

ALAN MAURICE MARIN.

Loch Exhibition

RAHKI GHOSH.
 PATRICIA GWENDOLINE MASSEY.

Metcalf Scholarship for Women

DIANA KATHLEEN REEVES.

Metcalf Studentship for Women

Not Awarded.

Eileen Power Studentship

Not Awarded.

Sir Edward Stern Scholarship

Not Awarded.

University Postgraduate Studentships

FRANCES MARY DOHERTY.
 DAVID GEORGE WALL.
 RUTH LILIAN WELCH.
 CHRISTINE MARGARET ELIZABETH WHITEHEAD.

University Postgraduate Travelling Studentships

JANET MARY FITTON.

Graham Wallas Memorial Scholarship

Not Awarded.

(c) Awarded by Outside Bodies**Free Press Prize in Sociology**

JOHN FREDERICK HILBOURNE.

Medals and Prizes—continued**Gladstone Memorial Prize**

CHRISTOPHER JOHN SYDNEY FULLER.

Athletic Awards**Steel-Maitland Cup**

ZELJKO PAUL MANDIC.

Steel-Maitland Cup for Women

BRENDA JEAN ROBINSON.

Wilson Potter Cup

BRUCE WOOD.

Ernest Cornwall Cup

BASKETBALL CLUB.

Club Awards**Badminton: Men's Singles**

PETER LAMB.

Badminton: Men's Doubles

ATUL RAMESHCHANDRA DESAI.
 PETER LAMB.

Badminton: Women's Singles

Not Awarded.

S. H. Beaver Cricket Captain's Cup

JEREMY JOHN COPEMAN HILL.

Cross-Country Club Cup

DAVID BAGSHAW.

Lawn Tennis: Men's Singles

WALTER ARNOLD ZELMAN.

Lawn Tennis: Women's Singles

Not Awarded.

Squash: Men's Singles

DAVID MICHAEL MACGILLIVRAY.

Open Day Awards**100 Yards Challenge Race (Men)**

JOHN WEIR.

440 Yards Challenge Race (Men)

TERENCE JOHN REDDIN.

Athletic Awards—*continued*

Invitation One Mile Race (Men)

DAVID BAGSHAW.

Gutteridge Tug-of-War Cup

RUGBY CLUB.

Medley Relay

ATHLETICS CLUB.

DEGREES

B.Sc. (Economics) Final Examination

(REVISED REGULATIONS)

HONOURS

FIRST CLASS

1964

JOSEPH SEKOH ABBEY.
ROBERT NANDOR BERKI.
SUSAN CRIBB.
DAVID ALWYN GRIFFITHS.
LAURENCE HARRIS.
ALAN MAURICE MARIN.
JOHN GUY CATTON OXBORROW.
ROBERT JAMES SMITH.

SECOND CLASS

(Upper Division)

ROBERT ANTHONY WALTER BECKWITH.
PETER JOHN BINNS.
BARRY THOMAS LAURENCE BLISS.
PHILIP BUCKLE.
ROGER BURT.
MICHAEL FRANCIS CLEMENT CARDER.
ROBERT CATLEY.
PETER STUART CHILD.
JOHN ERNEST COLE.
JOHN ESSEX CORNISH.
ROGER THOMAS DARGUE.
GARETH DAVIES.
ROBERT EDWIN DEARLOVE.
JAMES GORDON ECCLES.
COLIN HELMER EIJSSEN.
PETER ROBERT ELLIS.
PETER ROBERT FERGUSON.
GERALD FISHER.
MICHAEL JOHN FLETCHER.
GEOFFREY GITTER.
KEITH ALEXANDER HAMILTON.
NIGEL PERCY HAMILTON.
MICHAEL JOHN HARRINGTON.
DAVID HAWDON.
SIMON NICHOLAS PETER HEMANS.

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

(REVISED REGULATIONS)

1964

MICHAEL DAVID HOLMES.
ROGER JOHN HOUSECHILD.
JOHN HUGHES.
EDWARD HERBERT HUNT.
CHIRAYU ISARANGKUN.
JAMES GREGORY JEWELL.
PRAMOD NAGORAO JUNANKAR.
WILLIAM DAVID KEMP.
ROBERT MICHAEL KILROY-SILK.
DAVID BERNARD LEEKE.
DUNCAN LEVER.
MARTIN ALLEN LEWIS.
MICHAEL JAMES LINETON.
BEN ZIJON LIPSHITZ.
DAVID THOMAS LLEWELLYN.
JOHN ROWARD NEWTON LOWE.
JOHN VICTOR LUCAS.
EDWARD NICOLAE LUTTWAK.
JOSEPH MCCARTHY.
CHRISTOPHER PAUL MELLUISE.
GEOFFREY MOSLEY.
PETER EDWARD MURPHY.
GRAHAM PETER MURRAY.
PETER O'BRIEN.
CELIA MARY PHILLIPS.
MICHAEL WINSTON PONSFORD.
COLIN MICHAEL PRICE.
STANLEY ROBERT PURNELL.
RAYMOND REES.
DAVID ALEXANDER REISMAN.
ANTHONY ARNOLD RINK.
KEITH SAMUEL RODIN.
RICHARD ALAN ROSENBAUM.
DAVID SILVERMAN.
LEONARD CHARLES LIONEL SKERRATT.
GRAHAM THOMAS.
ANTHONY EDWARD THORNDIKE.
MICHAEL ANTHONY STEPHEN TUTTLE.
KEITH JOHN UNDERWOOD.
JOHN WEIR.
JOHN CHARLES WHITE.
BRUCE WOOD.
DOUGLAS MARTIN YATES.
ANTHONY RONALD ZENIOS.

SECOND CLASS

(Lower Division)

KEITH ADDISON.
MICHAEL JOHN ASHCROFT.
BARBARA ELIZABETH ATKINSON.
MARGARET ANN ATKINSON.
RONALD EDWARD BAILEY.
MELVYN DOUGLAS BALLOCH.
RAJNIKANT SHANTIKUMAR BANKER.
PHILLIP HENRY RAYMOND BEAUMONT.

B.Sc. (Economics) Final Examination—continued

(REVISED REGULATIONS)

1964

THOMAS FREDERICK DANIEL BORKETT.
 ROGER JOSEPH JUDE CARROLL.
 JOSE CASAS PARDO.
 GERALD WILLIAM ARTHUR CHAPLIN.
 DAVID JOHN CHAPPELL.
 MICHAEL KENNETH COLLEY.
 BRIAN DAVID COSTELLO.
 ROGER JOHN COVENEY.
 ANTHONY BERNARD CROOP.
 MICHAEL RODNEY CUNNINGHAM.
 CURRIMJEE JEEWANJEE CURRIMJEE.
 SOLOMON DAREVSKY.
 ROBERT ARTHUR EDMONDS.
 GRAHAM ELLIOTT.
 BERNARD EDWARD ANTHONY EVANS.
 ROY MICHAEL FARNDON.
 TREVOR ANTHONY FISK.
 ALAN BENJAMIN GAGE.
 DAVID JOHN GATER.
 PAUL GLANFIELD.
 ANTHONY JONATHAN GLASER.
 MALCOLM DAVID GOULD.
 JOHN CHARLES GOWLETT.
 DAVID ANTHONY GREEN.
 KEITH GREGORY.
 JILLIAN CAROLYN HAILEY.
 JOHN HARKNESS.
 TERENCE PETER BRADLEY HARVATT.
 STEPHEN CHARLES HEALEY.
 NICHOLAS HELLINGS.
 DEREK HINDMARCH.
 GEOFFREY NORMAN HOLLOWAY.
 DOROTHY JEAN HOSFIELD.
 PETER DAVID HOWSON.
 ROGER MICHAEL HYDE.
 SUBODH INAMDAR.
 ROBIN PAUL JACKSON.
 PAUL VINCENT JEFFERS.
 IAN CAMPBELL JOHNSTON.
 PETER IVAN JONES.
 ZARINE PESOTAN KHERGAMWALA.
 JOHN RONALD BERESFORD KING.
 JOHN ANTHONY KIRKHAM.
 GILLEN HUGH KIRKWOOD.
 ANTHONY DAVID KNIGHT.
 IAN VICTOR LANDAU.
 JOHN LAWRANCE.
 GERALDINE LEE.
 JOHN LEIGH.
 GRAHAM REYNOLDS LEWIS.
 COLIN LEONARD LINES.
 YVONNE PATRICIA ELIZABETH LUKEY.
 KEITH JOSEPH MARTIN.
 RICHARD JOHN MOORE.
 LEON KENNETH MORELLI.
 BRIAN JOHN MORGAN.

B.Sc. (Economics) Final Examination—continued

(REVISED REGULATIONS)

1964

JOSEPH MORRIS.
 PETER HOLLMAN NICHOLLS.
 RICHARD EDWARD OBERMAN.
 MAURICE ODLE.
 GERALDINE PETERSSON.
 CHRISTINE PINCHES.
 JONATHAN PRENTICE.
 CHRISTOPHER ROBERT JOHN PRITCHARD.
 JOHN ALFRED PUPIUS.
 CAROLE PARKHURST REVANS.
 PHILIP JOHN SAMUELS.
 CHRISTOPHER RICHARD SARRINGTON.
 MALCOLM SHAFFER.
 RICHARD CHARLES SCRIMGEOUR SHEPHERD.
 MARK HENRY SPROULE-JONES.
 THOMAS HARRY STEED.
 VIVIAN TALFOURD-COOK.
 HOWARD THOMAS.
 MICHAEL JAMES THOMAS.
 JOHN ARTHUR TILLMAN.
 MAURICE IAN TOWNSEND.
 MICHAEL ROGER TROLLOPE.
 STUART PETER VALENTINE.
 RAMANI RAGHAVADIKSHIT VARADACHARI.
 GUY JEAN MARIE JOSEPH GHISLAIN VERHAEGEN.
 PATRICK RONALD DAVID VINCENT.
 DAVID JOHN ARTHUR WAIN.
 JAMES ARCHIBALD SIMPSON WALLACE.
 JANET MARGARET WHISKER.
 MICHAEL ALLAN WILSON.
 ROSEMARIE JOYCE WITTMANN.
 JOHN CHARLES WOOD-COLLINS.
 JEREMY JOHN HOWARD WORMELL.
 ALAN ARTHUR WRIGHT.
 EMMANUEL ASUMANG WRIGHT.
 SUSAN MARY YATES.
 ANTHONY DAVID YESHIN.

THIRD CLASS

ELIZABETH CONSTANCE ADAMS.
 RAYMOND KWABENA AMOH.
 JOSIAH WILSON AMPIAH.
 JOHANN FRIEDRICH BACHOFEN-ECHT.
 DAVID BAGSHAW.
 PETER ALAN BARNES.
 ANTHONY JOHN BEVINS.
 COLIN PHILIP CANDAY.
 WILLIAM RICHARD CHAPLIN.
 SEAN HAROLD CHARLES COOPER.
 ALAN GEOFFREY DOBBY.
 TREVOR RICHARD EARDLEY.
 JOSEPH GAVIN CARRON FOWELLS.
 PAUL FRANKLIN GUSCOTT.
 JOHN JOSEPH HAYWOOD.
 JON HILLESTAD.
 FELICE HIRSCH.

B.Sc. (Economics) Final Examination—continued
(REVISED REGULATIONS)

1964

DEREK JAMES.
SUDARSHAN KUMAR KAPUR.
TIMOTHY ANDREW LEBSE.
IAN MOFFAT JAMES MACKAY.
DAVID JAMES MORRIS.
MIRZA HASHIM MANAZIE.
CORNELIUS YAO NYONATOR.
KATHLEEN PILLING.
DENIS ANTHONY ROBINSON.
MANMOHAN SINGH SANDHU.
ANDREW JOHN HIND SHAW.
CHANDRAHAS SHANTILAL SHETH.
MARTIN WILLIAM SHREEVE.
WILLIAM HENRY SMITH.
NORMAN STANG.
MICHAEL SUTCLIFFE.
CICILIA ANNE VAN HAFTAN.

PASS

CAROLINE AYODELE ALADE.
SARAH JOYCE BLAND.
RODERICK STUART EDMONDS.
PAUL ANTHONY GOULDER.
SITALKUMAR GUPTA.
JOHN ANTHONY HODGSON.
MARK HORNAK.
IVOR LAURENCE ISAACSON.
BAIBA MARGARETA KRUMINS.
ASHLEY JONATHAN LEVY.
SAMUEL CHUKUEKPENAM MBAEKWE.
CELIA KATHLEEN MERCER.
JOHN KEITH OATES.
JACK LESLIE PHILLIPS.
ALBERT EDWARD CHARLES VINCE.
WILLIAM IAN WEBSTER.

B.Sc. (Economics) Final Examination

(OLD REGULATIONS)
HONOURS

FIRST CLASS

1964

MELVYN JOHN JAMES RICHARD HATCHER.

SECOND CLASS
(Upper Division)

PATRICIA MARGARET BARHAM.
NICHOLAS PETER DERRINGHAM.
MICHAEL JOHN GATES.
BRIAN HENRY HARE.
BRYAN COOMBS JERRARD.
IMTIAZ ALAM OSMANI.
ANTHONY JOHN PETTERSSON.
ANTHONY GERALD PERCY WRIGHT.

B.Sc. (Economics) Final Examination—continued
(OLD REGULATIONS)

SECOND CLASS
(Lower Division)

1964

KENNETH KOH ACQUAH.
CHRISTOPHER TERENCE BEVAN.
PATRICK JOSEPH BRADY.
MICHAEL ALFRED CORUM.
JOHN RICHARD DAVIES.
HENRY DAVIS.
EZEKIEL OLAREWAJU FATIREGUN.
JOHN CHARLES GIBBONS.
PHILIP MICHAEL GINN.
LEON CHARLES GRITZMAN.
DEREK COLSTON HENDER.
JOHN MICHAEL JONES.
VALERIE LANG.
JOHN LOUIS LEEKS.
ANDREW MARTIN LEIGH.
BERYL OLIVE LLOYD.
ABIODUN ADEKUNLE ODULANA.
ALFRED OLASENI OLATOKUN.
DAVID PEARCE.
PABLO SANCHEZ Y BONMATI.
CLIVE ANTHONY SHORTHOUSE.
REGINALD ERNEST SIMMERSON.
CHANDRA BERYL SINGH.
ANTHONY DOUGLAS STOCKS.
NICEL TURNER.
WILLIAM ANTHONY WALSH.
ARTHUR JOHN YOUNG.

PASS

RICHARD EDWARD MARCHANT BAILEY.
ROBERT BRIGGS.
MICHAEL VICTOR CANTY.
ABAN NARIMAN CONTRACTOR.
KATHLEEN MARY CRAKE.
JAMES HYACINTH CUMMINGS.
MICHAEL EVELYN DENSHAM.
BASIL JAYAPALA DE SILVA.
LESLIE DOBSON.
RODNEY JOHN EYLES.
STANLEY WALTER FARMER.
BARBARA PAULINE FROST.
JOHN MICHAEL GIBBS.
DAVID ALAN GILES.
PETER THOMAS GEORGE GUTMANN.
MOHAMMED MOIZUL HAQUE.
MICHAEL HECK.
ALAN HOYLE.
SIMON KAY.
PHILIP VINCENT KEANE.
EZRA TUCKER MUBIRU SENDIKADIWA KIGONGO LWANGA.
BRIAN PHILIP MAGUIRE.

B.Sc. (Economics) Final Examination—continued

1964

KENNETH MILLER.
 NICOLAS NYIRI.
 SUSAN JANE POSNER.
 DAVID PRAG.
 SALLEH AMRAN BIN MOHD JAMIAN.
 JOHN DOUGLAS STOREY.
 THOMASINA JOAN THOMPSON.
 PETER JOHN WAKEFORD.
 ALBERT CLEMENTS WOOD.

**B.Sc. (Sociology) Examinations
HONOURS**

FIRST CLASS

1964

EDA PATRICIA DOWDING.
 JOHN FREDERICK HENRY HILBOURNE.
 PAUL ELLIOT ROCK.

SECOND CLASS
(Upper Division)

MARGARET SCOTFORD ARCHER.
 TESSA ANN VOSPER BLACKSTONE.
 ADRIANNE MEAD.
 DAVID BRUCE LEONARD PODMORE.
 KENNETH ROBERTS.
 JOYCE EILEEN ROSSER.
 JOYCE MARY SPENCER.

SECOND CLASS
(Lower Division)

ANN FRANCES GOLDSMITH.
 CHRISTOPHER JOHN HILL.
 JOHN LESLIE IRWIN.
 JOHN ALBERT ORAM.
 JENNIFER ELIZABETH PARSONS.
 DERRICK JAMES PRICE.
 STEPHEN ANDERSON RHODES.
 JANE ELIZABETH SANDERS.
 FRANCES JANE TATUM.
 BARBARA KATHLEEN WOLLASTON.

THIRD CLASS

SAMUEL ADESOLA ADEKANMBI.
 ROYSTON AUBREY BRUTON.
 DIANA VALERIE HAYHOE.
 MOLLIE KATHLEEN JACKSON.
 BRIAN REX JONES.
 DIANA MARY MORGAN.
 SIDDIK IBRAHIM MUKHAYER.
 CAROL HELEN IREDALE SEARLE.

B.A. Honours in Sociology

FIRST CLASS

1964

FRANCES MARY DOHERTY.
 FELICITY JANE MURFITT.

SECOND CLASS
(Upper Division)

ELIZABETH MARY BROUGHTON DUCKWORTH.
 PATRICIA ANN HOLMES.
 CAROL MELANIE HORNSEY.
 DOROTHEA SHULAMITH VANSON.

SECOND CLASS
(Lower Division)

ROY HENRY ADAMS.
 MAY CLARKE.
 IAN CHRISTOPHER FRASER.
 VALERIE ROBINSON.
 ELIZABETH ANN WILLIAMS.

THIRD CLASS

PHILLIP SELWYN HUGHES.
 ADRIENNE BALFOUR KLINGER

B.A. Honours in AnthropologySECOND CLASS
(Lower Division)

1964

MARIE PATRICIA AHL.

B.A. Honours in GeographySECOND CLASS
(Upper Division)

1964

TREVOR BULL.
 CHRISTOPHER JOHN DENHAM.
 GEOFFREY EDGE.
 GILLIAN MARY LEE.

SECOND CLASS
(Lower Division)

PATRICIA ANNE BATE.
 MARGARET COOPER.
 JENNIFER DIXON DRAKEFORD.
 MARGARET ROSE OWEN.

**B.A. Honours in History
Branch II**SECOND CLASS
(Upper Division)

1964

PHILIPPA ANNE RANDALL.
 ANTHONY FRANK SHEWARD.

B.A. Honours in History—continued
Branch II

1964

SECOND CLASS
(Lower Division)

RICHARD BONCZYK.
COLIN STUART GREER.
ROBERT HUGH GRIFFITHS.
VALERIE FRANCES HILTON.
ANTHONY RADBILL.
TRESNA DAWN RUSSELL.
JOHN DAVID SALKELD.
THOMAS WEINER.
ADRIAN HUGH YENDELL.

THIRD CLASS

FRANCES CAROLYN EATON.
HALINA GRUBERT.

B.A. Honours in Philosophy and Economics

1964

SECOND CLASS
(Upper Division)

DAVID GEORGE BOUVIER.

SECOND CLASS
(Lower Division)

MICHAEL REDMOND DWYER.
ANTHONY MAURICE KEMP.
GORDON RAMSAY.

THIRD CLASS

DEREK NEWBURY HEWITT.

LL.B. Final Examination

1964

HONOURS

SECOND CLASS
(Upper Division)

AMOS OLUWOLE FADJUTIMI.
WENDY LOVELL HAZELL.
FRANCES RUTH LIVINGSTONE.
JUDITH MARY MALT.
ROSEMARY MARTIN-JONES.
VINCENT SHEPHERD.
PETER GEORGE WHITEMAN.

SECOND CLASS
(Lower Division)

BOB AZU ANAMAH.
MICHAEL PETER BARBER.

LL.B. Final Examination—continued

1964

JACQUILINE ANN BUNCE.
JACQUELINE ROBERTA COMYNS.
PENELOPE CRAVEN.
RICHARD CHARLES DRABBLE.
KATHRYN JANET ENTWISTLE.
MARK HARRIS.
ANGELA KERNER.
KEITH JOHN LAWTON.
ALLEN ROY MATHIAS.
OLATUNJI OLUWASEUN OGUNYEMI.
MATTHEW AZUBIKE ONYIUKÉ.

SECOND CLASS
(Lower Division)

ROBERT PALEY.
WALTER STEPHENSON ROBSON.
ELIZABETH ROGERS.
PAUL NICHOLAS SAMUELS.
IAN RUSSELL SCOTT.
TAN GIM KEOK.
WONG KAI TUNG.

PASS

MUAZU ABDULMALIK.
JAMES OTUBINI AKPOJARO.
JOHN REDMAN BODDY.
JOHN WILLIAM MONRO FOULSHAM.
MICHAEL HAROLD HUNTER.
ROBERT GRAHAM KINGSTON.
PHILIP SIDNEY UMUNNA NWOFOR.
EDWARD PILKINGTON.
NINA VERA MARY STANGER.

Higher Degrees

1963-64

M.Sc. (Econ.)

SULTAN AHMAD.
MOHAMMED HASHIM AWAD.
MATTHEW BAIBAS.
EYTAN BENTSUR.
MICHAEL BREWER.
EDWARD IRVIN BRODKIN.
ZENO ADONIS CHRISTOPHER CARNAPAS.
ROBERT CHIRA.
WILLIAM HARVEY COX.
TIMOTHY ROGER CHAMPION CURTIN.
SAROJ DATTA.
FRANCIS KOFI DRAH.
CONRAD MARIO FOA.
NICHOLAS GARGANAS.
CLAUDE GERMAIN.
ILKA GILL.
MARIA ELENA GONZALEZ MEDEROS.
CARLOS GREBE VICUNA.
LYLE CLARK GRIMES.
ERGIN GUNCE.

Higher Degrees—continued
M.Sc. (Econ.)—continued

1963-64

EDWARD HUGH HAMMONDS.
JOHN DONALD HAMPTON.
JOYCE HANNAH HANEMAN.
JAWAD MAHMOOD HASHIM.
DAN BATEMAN HEMMINGS.
DALLAS SCOTT HOLMES.
BURWELL JOHN RUSSELL HUNTER.
ARIF HUSSAIN.
NARENDRA JAMNADAS JHAVERI.
*ELLEN DE KADT.
HOMI KATRAK.
GEORGE KOTTIS.
DONALD ALLAN KOWET.
LEON JEFFREY KRAIN.
WILLIAM LEAN.
GERALD EUGENE LEVENS.
AL-MOTAZBELLAH AHMED MOHAMED MANSOUR.
WILMOT LESLIE MATTHEWS.
JOHN MARTIN MICHAELSON.
CHANDRA MUDALIAR.
MARGARET ELIZABETH PAISLEY.
SPILIOS PAPATHANASSOPOULOS.
ATHENA PETRAKI.
ISHWARI PRASAD.
*GEORGE WILLIAM ROSS.
CAROL ANN SCHARF.
EDWARD JAY SCHUMACHER.
KALYAN KUMAR SIRCAR.
PHILIP ADAM STRASBURG.
LIONEL ARTHUR TAYLOR.
HENRY LEROY TOWNSEND.
GREGORY TSIFTSIS.
BALDEV KUMAR VADEHRA.
*CONSTANTIN VOIVODAS.
JEAN MARIE WALRAND.
KENNETH THOMAS WEETCH.
MANUEL DAVID WILDER.
FERENC TIBOR ZSUPPAN.

M.Sc.

1963-64

MAUNG KO KO.

M.A.

1963-64

STANLEY TOSHINORI FUKAWA.
SAMUEL KWESI GAISIE.
DIANNE ELSIE NORTON.
JOSEPH ONEK.
BRIAN SANDERS.
CHIN LIEW TEN.
NEIL WARREN.

LL.M.

1963-64

LACHLAN ARCHIBALD JAMES ARMOUR.
CHRISTOPHER PETER BRIGGS.
*BRADLEY EDWARD CRAWFORD.

* Mark of Distinction awarded.

Higher Degrees—continued

L.L.M.—continued

1963-64

ARUN KUMAR DATTA.
BERESFORD O'NEILL JORDAN DRYVYNSYDE.
AUGUSTINE NNAMANI.
JOHN SONNADI OKPALUBA.
EPHRAIM OYEBADE OYOLEDE.
*MURRAY ASHLEY PICKERING.
GOPAL CHANDRA SETH.
ZALMON SINGER.
MAUNG KYIN SWI.

Ph.D.

1963-64

GALAL EL-DIN AMIN.
LOUIS BERNARD.
CHARLES VICTOR BROWN.
IDEL RAPOPORT BRUCKMAN.
DEBIPRASAD CHATTOPADHYAY.
SYLVANUS JOHN SODIENYE COOKEY.
MOHAMMED QASIM MOHAMMED SALEH DALVI.
LAWRENCE FITZROY DOUGLAS.
DAVID MALCOLM DOWNES.
ROBERT CHARLES ESTALL.
MOHAMED NOUR EL DIN FARRAG.
HARLEY DAVIS FRANK.
JOHN GRAEME FRYER.
MICHAEL RICHARD GRAHAM.
JOHN ALEXANDER GORDON GRANT.
HUGH GEORGE HAMBLETON.
JOHN NORMAN HARRÉ.
THOMAS HENRY HOLLINGSWORTH.
MONOWAR HOSSAIN.
ZAFAR IMAM.
VISAKHA KUMARI JAYAWARDENA.
DAVID RONALD WILLIAM JONES (Ext.).
PETER D'ALROY JONES.
ALBERT WILLIAM LACEY.
ARIE LAPIDOTH.
RICHARD FAYETTE LARSEN.
DAVID JOHN MANNING.
JULIUS MAREK.
DAVID ALFRED MARTIN.
WILLIAM MITCHELL MATHEW.
SHARANAPPA SHANKARAPPA MENSINKAI.
MANFRED MICHEL.
EUGENE BRAMER MIHALY.
BELA MUKHERJEE.
DAVID GLENN MULLIGAN.
SELBOURNE BANGANI NGCOBO.
GODWIN KWAKU NUKUNYA.
RAYMOND EDWARD PAHL.
DOUGLASS RICHARD PRICE-WILLIAMS.
KUNCHALA RAJARATNAM.
PARAMAHANSA RAY.
BALWANTH REDDY.
PAUL GAGRAG SINGH.

* Mark of Distinction awarded.

Higher Degrees—*continued*Ph.D.—*continued*

1963-64

ROBERT SZERESZEWSKI.
LEROY OSWALD TAYLOR.
BRUCE WALLER.
WILLIAM EDWARD WILLMOTT.

DIPLOMAS

(Awarded by the University of London)

Academic Postgraduate Diploma in Anthropology

PASS

1964

KATRIN NORRIS.
BERNARD HERBERT STRUMPF.

Academic Postgraduate Diploma in Law

1963-64

STYLIANOS LAMBROU TSITSIMELIS.

Academic Postgraduate Diploma in Public Administration

PASS

1964

AZIZ-UR-RAHMAN AZIZ.

DIPLOMAS

(Awarded by the School)

Diploma in Economic and Social Administration

DISTINCTION

1964

ANGE BELLE HASSINGER.
ABUL FAZAL MOHD EHASANUL KABIR.
PIDATALA PADMANABHA.

PASS

YÜKSEL ARSEVEN.
JOSEPH EJIMA ATAGUBA.
ULDRICK MILTON BRANFORD.
FIDEL CARRANCEDO.
CHAU KIM NHÂN.
WESLEY ORMONDE DE MENDONCA.
UPIND DUGALER.
AFSHAM HESSAM-VAZIRI.
JOSÉ RICARDO JIMÉNEZ.
MARCO FRANCIS KANJO.
CHARLES MONTAGUE KERR.
HEUNG GOO KHANG.
JULIUS KODIGBO CHUKUEMEKA MADICHIE.
DEMETRIOS MAVRIAS.
JESUS RAMOS SANZ.
GEORGE TRAGAKIS.
THE HON. MAHE ÚLIÚLI TUPOUNIUA.
NEK MOHAMMED QURESHI.

Diploma in Social Administration for Graduates

PASS

1964

SALLY YVONNE AUBIN.
PAMELA EDITH BALLANTINE.
TERENCE DONALD BAMFORD.
VALERIE BENNETT.
RACHAEL BIRLEY.
MARION ELSPETH OWEN BURROWS.
MARY ELIZABETH CAMERON.
MARY ELIZABETH CITRON.
ROSEMARY JANE CLARK.
JANE COURTIS.
ARTHUR MAURICE EDMUND DE FRISCHING.
PETER GRAHAM.
THOMAS DAVID HARRIS.
HAROLD PHILIP HEPWORTH.
VALERIE HODSON.
ALAN STANLEY HOLDEN.
CHRISTINE MEAGOR HUTCHISON.
JOCELYN ELMINA JONES.
KATHLEEN JUDITH JUHASZ.
URSULA KEEBLE.
HELEN CHRISTINE KENNING.
ANN KERKHAM.
JANET MARY KILKENNY.
IRENE KIRSCH.
CATHERINE MARY HILARY LAND.
SUSAN KARIN LANDEN.
JANET KIANA LEWIS.
SYLVIA MARGARET HENDERSON LOCHHEAD.
ELIZABETH KATHLEEN DIANA MACDONALD.
MARGHERITA ELISA MANLEU.
JADWIGA ANNE TERESA NEWTON.
MAUREEN OKE.
HILDEGARDE RHODA PATZ.
PHILIP WILLIAM PHILPOTT.
JEANETTE PATRICIA POPE.
MARGARET SYBIL PUTNAM.
JENNIFER MARGARET REDMAN.
JEANNE MARY REYNOLDS.
NICHOLAS FRANK KILLEEN ROSE.
ANTHONY MICHAEL SEIGAL.
JENNIFER ALISON SHAW.
MARY ANN SHAW.
REX MICHAEL STANLEY.
GILLIAN DAPHNE STEVENS.
PETER STONE.
PETER MAXWELL STOREY.
ORA THOMSON.
VALERIE ANNE UNDERWOOD.
STEPHEN FREDERICK VAN HAGEN.
QUITA JENNIFER VICKERY.
CHRISTINE EDITH MARY WARNER.
ROBERT HUGH VINCENT WILLIAMS.
MARGARET FELICITY COLES WILSON.
PAUL RONALD PLUMPTON WILSON.
HELEN WINTERBOTTOM.
JUDITH ROWENA WOOLDRIDGE.

Diploma in Social Administration for Non-Graduates

PASS

1964

BRENDA ALLBUTT.
 JANE MARGARET MAULE BLACK.
 ELIZABETH BLACKABY.
 DAVID RICHARD BOYCE.
 ELIZABETH TALBOT COOKE.
 JENNIFER MARY DAWE.
 ALAN DEITCH.
 MICHAEL EDWARD FARLEY.
 ROBIN JOHN FORREST.
 MONICA CLAIRE HAMILTON.
 HUGH FRANCIS HYDE.
 GILLIAN ISOBEL JOHNSTON.
 VERNON ALLAN JONES.
 ANNABEL LANCASTER.
 ALICE ANNE LAW.
 TREVOR MASTERS.
 JOHN CRONDEN PATRICK.
 JOHN CHARLES PRITCHARD.
 CANDIA MARY PUMPHREY.
 MARIANNE MARGUERITE STUART-MENTETH.
 DAPHNE MARY SYMON.
 SUSAN JESSAMINE GABRIELLE VIDAL.
 MARGARET JEAN WEBSTER.
 PAMELA JUNE WHITE.

Diploma in Social Administration for Graduates

(Overseas Course)

PASS

1964

CHARLES RAYMOND LINNHE GOOCH.
 SETA POSTOYAN.
 HARI SINGH.

Diploma in Social Administration for Non-Graduates

(Overseas Course)

PASS

1964

MADDAGE DON HARI CHANDRA ATTANAYAKE.
 AMELIA JACQUELINE BRETT.
 JAMES JESSE CHANGAL.
 ANN MARIE CLARKE.
 JACOB TUNJI ERINLE.
 ABDUL KARRIM ABOUBAKER ESSHACK.
 USMAN JALINGO.
 STEPHEN SEFA KISSI.
 ERMVNE LEE KIN.
 CHUNG MING LEUNG.
 DAVID OLUFEMI ROTIMI.
 BENJAMIN EDWARD UDOMAH.

Diploma in Personnel Management

PASS

1964

CHARLES KEITH BATES.
 JILL ALEXANDRA BRIGHTWELL.
 LLOYD MORRISON BROWN.

Diploma in Personnel Management—continued

1964

JOHN ARTHUR COXHEAD.
 JOHN SPENCER DEEKS.
 THELMA CLARE JACKSON.
 CLIFFORD JENNINGS KOTZE.
 PANDALEON MARGARITIS.
 ANNA BEATRICE MEDDINGS.
 ANNE ELIZABETH CUNNINGHAM MORISON.
 CHRISTOPHER JOHN PALMER.
 ALAN STEPHEN HARWOOD PUGH.
 ANN SEVERN.
 ABDALLA MOHAMED AHMED SHALABI.
 RODERICK McALPINE SKINNER.
 PAUL DAVID BRYAN SMITH.
 PRITHAM SINGH THAPA.
 SYDNEY RAYMOND TOMLIN.
 WANG-FOONG.
 MARGARET WRIGHT.

Diploma in Applied Social Studies

DISTINCTION

1964

GRAHAM LOWE.
 ROSEMARY NESTA YALE.

PASS

ANN BRIEN BELLINGHAM.
 JEAN FRANCES MARGARET BRUCE.
 RICHARD MICHAEL CATHAN.
 SUSAN ANDREA CLARKE.
 DONALD EWART DAVIDSON.
 HELEN LYNDISAY DAVISON.
 MARGARET ESMÉ DAWES.
 FRANCES LOUISE DOWNIE.
 JENNIFER ELIERTON.
 BERYL LILIAN GEE.
 JOSEPH ROGER GREENWOOD.
 JOHN ERNEST THOMAS HARPER.
 ELIZABETH ANNE HUTCHINSON.
 RACHEL JENKINS.
 CELIA LEE.
 GRAHAM JOHN LYTHE.
 MARGARET ANN MARSDEN.
 DELLA MYRA MONTACUTE.
 ANN MORTIMER.
 VICTORIA NANNEY-WYNN.
 SANDRA NOON.
 AMANDA OSMOND.
 JULIA RUTH PARROTT.
 JOAN MARGARET PATTEN.
 ROBERT OWEN PURCELL.
 ELIZABETH MARY SLATER.
 MARGARET JANET SPELLER.
 GILLIAN ETHEL MARIAN THOMSON.
 DIANA MARGARET HASLEWOOD WATSON.
 PETER JOHN BERT WILSON.
 VIOLET HUTCHISON WITHEROW.

Diploma for Social Workers in Mental Health

DISTINCTION

1964

MARGARET MARY ENRIGHT.

PASS

ELIZABETH FAITH ADAMS.
 MARGARET ANNE AYLEN.
 ETHEL HILDA BESWICK.
 CYNTHIA MARGARET BROOK.
 JOAN DIANA CRADDOCK.
 MARY ANN VERONICA CRYAN.
 DAPHNE ESTELLE DAWE.
 RUTH ELIN AGNETA FALCK.
 GRAHAM GOULD GATEHOUSE.
 IRIS MAUD GRAY.
 KATHLEEN MARY GRIFFITHS.
 COLIN RICHARD GROVES.
 RUTH ELIZABETH HENDERSON.
 URSULA HURLEY.
 MARY LESLIE.
 GEMMA MARY MAYNE.
 JANET NORTHOVER.
 PHILIP GORDON PARKER.
 VERONICA JANE PICKERING.
 SIMON RICHARD NOEL RODWAY.
 DIANA PATRICIA ROXBURGH.
 JILL SARGENT.
 NORMAN JAMES SMITH.
 DOROTHY MAY STEVENSON.
 HAZEL STRINGER.
 DONALD TAYLOR.
 DOROTHY ANN TILT.
 MARY WESTLAND.
 MARGARET RUTH WESTLEY.
 MARJORIE MAY WHITE.
 JULIAN NORA WILSON.

CERTIFICATES

Certificate in International Studies

PASS

1964

RODERIC MARTIN ALLEY.
 JÜRGEN MICHAEL BARTSCH.
 PASCHAL OBINNA NNOCHIRI.

RESEARCH

The London School of Economics has, from its foundation, been a centre of research in the social sciences and has sought to provide adequate research facilities both for members of the teaching staff and for graduate students. To this end there is a central Research Committee, established to advise the Governors of the School on the allocation of funds available for research. That Committee consists of the Director and the Secretary, the Chairman of each of the Research Divisions and of the Sociological Research Unit, together with five other persons appointed annually by the Court of Governors. All members of the staff are able to apply for grants from the research funds available in any year. The majority of the members of the academic staff belong to one or other of the following Research Divisions:

- (i) the Economics Research Division, which includes the staff of the Economics and Economic History Departments;
- (ii) the Geographical and Anthropological Research Division, which includes the staff of the Geography and Anthropology Departments;
- (iii) the Government Research Division, which includes the staff of the Department of Political Science and Public Administration;
- (iv) the Legal Research Division, which includes the staff of the Law Department;
- (v) the Social Research Division, which includes the staff of the Departments of Social Science and Administration and of Sociology;

and normally grants for assistance in research work are provided through the Research Divisions. As indicated above, however, if any member of the staff does not belong to a Research Division he is still able to seek assistance individually.

There are other research organisations, somewhat different in character, which have had substantial outside finance in the past but are at present largely dependent on School funds. They include the Sociological Research Unit (the Chairman and Steering Committee of which are identical with those of the Social Research Committee); the Research Techniques Division (of which the Chairman is Professor J. Durbin and which is closely associated with the Statistics Department); and the Greater London Group, an interdepartmental group whose Chairman is currently Professor W. A. Robson.

The following research organisations within the School are financed wholly or mainly by funds drawn from outside bodies:

THE MANAGEMENT STUDIES RESEARCH DIVISION

The Management Studies Research Division, which is financed partly by funds drawn from outside bodies, is concerned primarily with the development of studies at the School germane to management problems, covering such fields as administrative theory, structure, and procedures; mathematical and statistical methods applied to decision-making; computer programming and data processing; accounting for management; the economics and finance of public and private enterprises; and industrial relations. Its work is directed by a committee of management, under the chairmanship of Professor H. C. Edey, consisting of Professor E. H. Phelps Brown, Professor E. Devons, Professor J. Durbin, Professor B. C. Roberts, Miss B. N. Seear, Professor P. J. O. Self, Professor G. S. A. Wheatcroft, and Professor B. S. Yamey.

The Division has at present four full-time Research Fellows, Miss Rosemary Stewart, Mr. R. N. B. Howard, Mr. T. W. Harries, and Mr. M. J. A. Cooch.

THE SURVEY RESEARCH CENTRE

The Survey Research Centre is a research department concerned primarily with studies of the methods of social and business research. It is directed by Dr. W. A. Belson and has an advisory committee, responsible to the Director of the School, whose members are: Dr. B. Abel-Smith, Professor J. Durbin, Professor R. W. Firth, Professor D. V. Glass, Professor H. Himmelweit, Professor R. T. McKenzie, Professor C. A. Moser and Mr. J. E. Hall Williams.

The Centre has a full-time research staff of eight, with clerical and technical support: Dr. B. M. Speak, Dr. G. M. Millerson (Senior Research Officers); Mr. P. J. Didcott, Miss V. Walters (Research Officers); Mr. A. Varlaam, Mr. D. A. Robinson and Mr. R. J. Workman (Research Assistants); Miss J. Mason (Office Manager).

Two major series of enquiries are in progress. One of these is a long-term study of causes of juvenile stealing. This enquiry began with the derivation of hypotheses about causes of stealing and the development of the necessary tools and tactics for testing these hypotheses. This part of the work has been completed and the causal enquiry itself is about to begin. The entire project is supported by the Home Office and the grant for 1965-66 is approximately £20,000. The second long-term project is a series of studies of the validity and reliability of questioning methods used in business and social research. This seven-

year project is supported by 35 business and research organisations contributing a total of £10,000 per year. The project has now been in operation for a year; four major studies have been commenced and two of these have now been completed.

The Survey Research Centre circulates reports of its work widely to university teachers, to other social scientists and to those conducting business research. Currently, the Centre is planning and seeking financial support for the provision of a series of training courses on practical aspects of survey research methodology.

THE UNIT FOR ECONOMIC AND STATISTICAL STUDIES ON HIGHER EDUCATION

The objects of the Unit are to do research on various economic and statistical aspects of higher education. Some of the current research relates to methods of educational planning at national level; some to the relationship between what is provided in higher education and what is needed in industry and the labour force generally; some to the financing of higher education; and some to the working of institutions of higher education. Wherever possible, the Unit's research is concerned with the position in other countries as well as Britain, and its field includes both "developing" and advanced countries.

The main current projects are: the Use of Qualified Manpower in Industry; a Model of the Educational System; Educational Planning in India; the Finance of Education and a Study of the L.S.E. Graduate School.

Financial support for the Unit comes from the following bodies: Nuffield Foundation: £64,165 over five years; the Department of Education and Science (two grants): £9,000 and £8,250 both over three years; the Department of Scientific and Industrial Research: £19,729 over three years; the Ford Foundation: £53,570 over three years.

The Research Staff of the Unit is: Director: Professor C. A. Moser; Deputy Director: Mr. P. R. G. Layard; Research Secretary: Miss J. A. Pinney; Senior Research Officers: Mr. T. Burgess, Dr. C. Smith and Mrs. R. Knight (part-time); Research Officers: Mrs. A. Bennett, Mr. H. Glennerster, Dr. J. Saigal and Mr. A. Ziderman; Research Assistants: Mr. R. Allard, Mr. R. Lavers and Miss D. Schwartz. Consultants: Dr. M. Blaug, Mr. M. H. Peston and Mr. P. Redfern.

PUBLICATIONS BY MEMBERS OF THE STAFF

Publications
BY MEMBERS OF THE STAFF FROM 1 OCTOBER 1963 TO
30 SEPTEMBER 1964

(This list includes a certain number of publications which appeared too late in 1962-63 to be included in the report for that year.)

Accounting

PROFESSOR W. T. BAXTER:

"The Future of the Accountant" (*The Accountant*, 11 July-1 August 1964).

MR. T. W. McRAE:

The Impact of Computers on Accounting (John Wiley & Sons, 1964).

"Operational Research and the Accountant" (*The Accountants' Magazine*, March 1964 and *Tecnica Economica* (Spain), Winter Issue).

"The Netherlands EDP Centre" (*Accountancy*, July 1964).

"Self-Checking Numbering Codes" (*The Accountant*, 16 May 1964).

Anthropology

DR. B. BENEDICT:

Preliminary Survey on the Needs of Youth in Nyasaland (Zomba, Nyasaland, The Government Printer, 1963).

"Capital, Saving and Credit among Mauritian Indians" in Raymond Firth and B. S. Yamey (Eds.), *Capital, Saving and Credit in Peasant Societies* (George Allen & Unwin, 1964).

"Indians Overseas" (*The Institute of Race Relations Newsletter*, July 1964).

"Mauritius: the People" (*Encyclopædia Britannica*, Current Revision 1963-64).

(With Teresa Spens) "Report on a Conference on Applied Anthropology held at the London School of Economics and Political Science July 1st to 3rd, 1963" (*Human Organisation*, Spring 1964).

(With Teresa Spens) "A Conference on Applied Anthropology" (*Current Anthropology*, April 1964).

PROFESSOR RAYMOND W. FIRTH:

(Editor) *Man and Culture: An Evaluation of the Work of Bronislaw Malinowski* (Reprint, Harper Torchbooks, 1964).

Essays on Social Organization and Values (London School of Economics Monographs on Social Anthropology No. 28, University of London, The Athlone Press, 1964).

We, The Tikopia: A Sociological Study of Kinship in Primitive Polynesia (Abridged edition paperback, Beacon Press Inc. 1963).

"Capital, Saving and Credit in Peasant Societies: A Viewpoint from Economic Anthropology" in Raymond Firth and B. S. Yamey (Eds.), *Capital, Saving and Credit in Peasant Societies* (George Allen & Unwin, 1964).

(With J. Spillius) "A Study in Ritual Modification: The Work of the Gods in Tikopia in 1929 and 1952" (*Royal Anthropological Institute Occasional Paper* No. 19, 1963).

MR. J. R. FOX:

"Structure of Personal Names on Tory Island" (*Man*, October 1963).

"Kinship" (*New Society*, 21 May 1964).

DR. M. FREEDMAN:

"The Chinese Domestic Family: Models" (*Actes du VI^e Congrès International des Sciences Anthropologiques et Ethnologiques*, Paris 1960, tome II, 1^{er} volume, Paris, 1963).

"What Social Science Can Do for Chinese Studies" (*The Journal of Asian Studies*, Vol. XXXIII, No. 3, 1964).

"The Family under Chinese Communism" (*Political Quarterly*, July 1964).

(With S. J. Gould) "Topics and Methods of Future Research: Sociological" in Julius Gould and Shaul Esh (Eds.), *Jewish Life in Modern Britain* (Routledge & Kegan Paul, London, 1964).

PROFESSOR E. A. GELLNER:

"Saints of the Atlas" in Julian Pitt-Rivers (Ed.), *Mediterranean Countrymen* (Mouton & Co., Paris and The Hague, 1963).

"Political and Religious Organization of the Berbers of the Central High Atlas" (*Proceedings of the VIIth International Congress of Anthropology*, Moscow, August 1964).

PROFESSOR L. P. MAIR:

New Nations (George Weidenfeld & Nicolson, 1963).

PROFESSOR I. SCHAPER:

"Kinship and Politics in Tswana History" (Presidential address in *Journal of the Royal Anthropological Institute*, Vol. 93, Part 2, December 1963).

DR. A. P. STIRLING:

"The Domestic Cycle and the Distribution of Power in Turkish Villages" in Julian Pitt-Rivers (Ed.), *Mediterranean Countrymen* (Mouton & Co., Paris and The Hague, 1963).

Criminology

DR. A. N. LITTLE:

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 October 1963 *Higher Education*. Report of the Committee appointed by the Prime Minister under the Chairmanship of Lord Robbins 1961-63, Cmnd. 2154.

- DR. K. R. SEALY:
 1964 *A Regional Airport for Yorkshire and the North-east* (Director A. H. Stratford). Report for the Yorkshire Airport Development Association Ltd., York.

- PROFESSOR R. M. TITMUS:
 1963 National Insurance (Non-Participation—Assurance of Equivalent Pension Benefits) Amendment Regulations.
 1963 National Insurance (Non-Participation—Assurance of Equivalent Pension Benefits) Amendment (No. 2) Regulations.
 1964 Preliminary draft of the National Insurance (Medical Certification) Amendment Regulations.
 1964 Preliminary draft of the National Insurance (Unemployment and Sickness Benefit) Amendment Regulations.

Statistics of Students

Analysis of Regular and Occasional Students, 1960-65

	Session 1960-61	Session 1961-62	Session 1962-63	Session 1963-64	Session 1964-65
REGULAR STUDENTS—					
First Degree	1466	1417	1460	1478	1552
First Diploma	80	80	91	79	81
Higher Degree	633	718	792	854	922
Higher Diploma and Certificate	223	241	248	247	225
Research Fee	152	169	163	189	138
Other Regular	121	153	122	150	101
TOTAL OF REGULAR STUDENTS	2675	2778	2876	2997	3019
OCCASIONAL STUDENTS	357	332	393	355	328
GRAND TOTAL	3032	3110	3269	3352	3347

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Analysis of Overseas Students, 1964-65

	Session 1960-61	Session 1961-62	Session 1962-63	Session 1963-64	Session 1964-65
REGULAR STUDENTS—					
First Degree	989	278	249	209	229
First Diploma	178	32	32	33	31
Higher Degree	—	423	426	453	471
Higher Diploma and Certificate	—	94	72	83	83
Research Fee	—	144	140	176	122
Other Regular	—	138	109	120	89
TOTAL	1167				
OCCASIONAL STUDENTS		152	203	145	208
TOTAL		1261	1231	1219	1233

NOTE: For a definition of the terms "Regular" and "Occasional" student see page 141.

Analysis of Regular and

REGULAR STUDENTS	SESSION 1964-65					Grand Total				
	DAY STUDENTS			EVENING STUDENTS						
	Men	Women	Total	Men	Women					
B.Sc.(Economics) 1st year	288	46	334	} 156	}	1085				
2nd year	254	49	303							
3rd year	247	45	292							
4th year	—	—	—							
5th year	—	—	—							
B.A.(Sociology) 1st year	6	12	18	} 56	}	139				
2nd year	—	14	14							
3rd year	3	21	24							
B.Sc.(Sociology) 1st year	21	15	36	} 83	}	139				
2nd year	11	14	25							
3rd year	10	12	22							
LL.B. 1st year	56	9	65	} 21	}	200				
2nd year	50	5	55							
3rd year	47	12	59							
B.A. Honours Anthropology:						} 125	}			
1st year	—	1	1	} 7	}					
2nd year	3	1	4							
3rd year	1	1	2							
Geography:								} 52	}	
1st year	9	12	21							
2nd year	7	6	13							
History:								} 51	}	
1st year	8	9	17							
2nd year	13	3	16							
Philosophy and Economics:								} 15	}	
1st year	5	5	10							
2nd year	2	1	3							
B.Sc.(Special) Geography:						} 3	}			
1st year	1	2	3							
M.Sc.(Economics) 1 year Course	143	26	169	} 313	}	922				
M.Sc.(Economics) 1st year	54	10	64							
2nd and subsequent years	63	22	85							
M.Sc. 1st year	—	2	2							
2nd and subsequent years	1	—	1							
Ph.D. 1st year	19	2	21	} 609	}	922				
2nd and subsequent years	128	19	147							
LL.M. 1st year	27	3	30	} 7	}	138				
2nd and subsequent years	12	1	13							
M.A. 1st year	17	16	33	} 22	}	138				
2nd and subsequent years	29	16	45							
Research Fee 1st year	87	17	104							
2nd year	10	2	12							
University Academic Postgraduate Diplomas						} 3	}			
Anthropology	1	2	3							
Law	3	—	3							
Public Administration	1	—	1							
Diplomas awarded by the School						} 138	}			
Diploma in Applied Social Studies	10	25	35							
Diploma in Economic and Social Administration	19	2	21							
Diploma in Mental Health	12	23	35							
Diploma in Operational Research	2	—	2							
Diploma in Personnel Management	21	12	33							
Diploma in Social Administration: 1 year course	12	45	57	} 138	}					
2 year course 1st year	23	17	40							
2 year course 2nd year	14	27	41							
Certificate in International Studies 1st year	—	—	—	} 3	}			3		
2nd year	1	2	3							
Course in Business Administration	17	—	17	} 17	}	17				
Composition Fee	18	—	18							
General Course	47	19	66							
Industrial Financing	—	—	—							
Foreign Service Course	11	—	11							
Overseas Services Course	4	—	4							
Trade Union Studies	14	3	17							
TOTAL OF REGULAR STUDENTS	1879	628	2507				441	71	512	3019
OCCASIONAL STUDENTS	147	74	221				98	9	107	328
GRAND TOTAL	2026	702	2728				539	80	619	3347

Occasional Students, 1963-64

REGULAR STUDENTS	SESSION 1963-64						Grand Total			
	DAY STUDENTS			EVENING STUDENTS						
	Men	Women	Total	Men	Women	Total				
B.Sc.(Economics) 1st year	275	50	325	} 896	}	167	1063			
2nd year	233	43	276							
3rd year	262	33	295							
4th year	—	—	—							
5th year	—	—	—							
B.A.(Sociology) 1st year	—	15	15	} 55	}	135	135			
2nd year	4	20	24							
3rd year	3	13	16							
B.Sc.(Sociology) 1st year	13	17	30	} 80	}	135	135			
2nd year	9	12	21							
3rd year	14	15	29							
LL.B. 1st year	48	4	52	} 149	}	23	172			
2nd year	47	12	59							
3rd year	26	12	38							
B.A. Honours Anthropology:						} 108	}			
1st year	3	2	5	} 8	}					
2nd year	1	1	2							
3rd year	—	1	1							
Geography:								} 41	}	
1st year	7	8	15							
2nd year	7	10	17							
History:								} 48	}	
1st year	14	3	17							
2nd year	8	8	16							
Philosophy and Economics:								} 11	}	
1st year	2	2	4							
2nd year	2	1	3							
M.Sc.(Economics) 1st year	100	19	119	} 524	}	330	854			
2nd and subsequent years	90	22	112							
M.Sc. 1st year	4	—	4							
2nd and subsequent years	1	—	1							
Ph.D. 1st year	30	1	31							
2nd and subsequent years	117	21	138	} 7	}	189				
LL.M. 1st year	12	1	13							
2nd and subsequent years	19	—	19							
M.A. 1st year	29	19	48	} 162	}	27	189			
2nd and subsequent years	26	13	39							
Research Fee 1st year	136	11	147							
2nd year	14	1	15							
University Academic Postgraduate Diplomas						} 4	}			
Anthropology 1st year	—	2	2							
2nd year	1	1	2							
Social Studies in Tropical Territories						} 3	}			
Law 1st year	3	—	3							
2nd and subsequent years	—	—	—							
Public Administration						} 10	}			
Statistics	9	1	10							
Diplomas awarded by the School						} 139	}			
Diploma in Applied Social Studies	9	27	36							
Diploma in Economic and Social Administration	21	3	24							
Diploma in Mental Health	9	26	35							
Diploma in Operational Research	14	—	14							
Diploma in Personnel Management	18	8	26							
Diploma in Social Administration: 1 year course	17	43	60	} 139	}					
2 year course 1st year	14	27	41							
2 year course 2nd year	19	19	38							
Certificate in International Studies: 1st year	4	1	5	} 11	}			11		
2nd year	5	1	6							
Course in Business Administration	23	—	23	} 16	}	16				
Composition Fee	23	7	30							
General Course	54	15	69							
Industrial Financing	12	1	13							
Foreign Service Course	11	2	13							
Overseas Services Course	8	1	9							
Trade Union Studies	16	—	16							
TOTAL OF REGULAR STUDENTS	1863	587	2450				475	72	547	2997
OCCASIONAL STUDENTS	173	76	249				100	6	106	355
GRAND TOTAL	2036	663	2699				575	78	653	3352

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

	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65
Balkan States ..	62 (55)	53 (49)	70 (58)	67 (57)	58 (52)	51 (46)
France ..	7 (3)	10 (4)	9 (5)	2 (—)	7 (5)	8 (6)
Germany ..	28 (12)	36 (11)	29 (15)	29 (17)	43 (32)	43 (25)
Holland ..	4 (3)	4 (2)	5 (3)	3 (2)	1 (1)	2 (2)
Italy ..	11 (9)	15 (8)	14 (11)	16 (11)	8 (8)	13 (7)
Poland ..	7 (7)	4 (3)	6 (5)	3 (3)	2 (2)	4 (4)
Russia ..	1 (1)	1 (1)	1 (—)	1 (1)	2 (2)	3 (3)
Scandinavia ..	15 (8)	18 (16)	15 (13)	14 (9)	17 (13)	11 (9)
Switzerland ..	13 (8)	16 (6)	8 (3)	9 (4)	6 (2)	4 (1)
Others ..	55 (41)	42 (36)	60 (47)	47 (32)	41 (37)	51 (40)
<i>Total Europe</i> ..	<i>203 (147)</i>	<i>199 (136)</i>	<i>217 (160)</i>	<i>191 (136)</i>	<i>185 (154)</i>	<i>190 (143)</i>
Burma ..	7 (6)	9 (9)	10 (10)	9 (9)	3 (3)	1 (1)
Ceylon ..	14 (14)	18 (17)	22 (20)	22 (19)	12 (12)	11 (11)
China ..	2 (2)	—	4 (4)	—	—	—
India ..	134 (126)	143 (139)	122 (117)	108 (102)	97 (94)	93 (87)
Pakistan ..	29 (29)	30 (28)	26 (25)	29 (29)	42 (42)	42 (42)
Israel ..	19 (13)	28 (24)	27 (24)	20 (17)	24 (18)	18 (16)
Japan ..	13 (9)	17 (12)	16 (13)	25 (16)	25 (19)	22 (14)
Others ..	91 (80)	92 (84)	116 (100)	119 (103)	102 (93)	101 (86)
<i>Total Asia</i> ..	<i>309 (279)</i>	<i>337 (313)</i>	<i>343 (313)</i>	<i>332 (295)</i>	<i>305 (281)</i>	<i>288 (257)</i>
Ghana ..	28 (26)	23 (20)	30 (30)	34 (34)	29 (28)	24 (22)
Nigeria (included in Others up to 1959-60) ..	—	87 (79)	94 (90)	90 (87)	80 (76)	71 (66)
Egypt ..	19 (16)	21 (20)	16 (16)	15 (15)	16 (13)	16 (15)
South Africa ..	26 (22)	28 (25)	34 (33)	34 (32)	34 (33)	37 (32)
Others ..	125 (123)	48 (46)	67 (65)	47 (45)	57 (55)	56 (54)
<i>Total Africa</i> ..	<i>198 (187)</i>	<i>207 (190)</i>	<i>241 (234)</i>	<i>220 (213)</i>	<i>216 (205)</i>	<i>204 (189)</i>
Canada ..	81 (73)	78 (69)	102 (89)	93 (84)	87 (84)	92 (84)
United States ..	193 (158)	209 (168)	220 (187)	266 (191)	291 (225)	319 (236)
Others ..	—	—	4 (4)	6 (5)	5 (4)	6 (5)
<i>Total North America</i> ..	<i>274 (231)</i>	<i>287 (237)</i>	<i>326 (280)</i>	<i>365 (280)</i>	<i>383 (313)</i>	<i>417 (325)</i>
<i>W. Indies</i> ..	<i>30 (30)</i>	<i>39 (38)</i>	<i>33 (31)</i>	<i>33 (33)</i>	<i>34 (34)</i>	<i>43 (42)</i>
<i>Central America</i> ..	<i>7 (4)</i>	<i>11 (7)</i>	<i>10 (9)</i>	<i>11 (9)</i>	<i>4 (4)</i>	<i>2 (2)</i>
<i>South America</i> ..	<i>39 (23)</i>	<i>57 (41)</i>	<i>46 (37)</i>	<i>40 (24)</i>	<i>43 (36)</i>	<i>48 (30)</i>
Australia ..	19 (19)	24 (21)	38 (37)	28 (27)	34 (32)	28 (25)
New Zealand ..	3 (2)	6 (6)	4 (4)	9 (9)	11 (11)	11 (11)
Fiji ..	1 (1)	—	3 (3)	2 (2)	2 (2)	2 (1)
Others ..	—	—	—	—	2 (2)	—
<i>Total Oceania</i> ..	<i>23 (22)</i>	<i>30 (27)</i>	<i>45 (44)</i>	<i>39 (38)</i>	<i>49 (47)</i>	<i>41 (37)</i>
Total ..	1083 (923)	1167 (989)	1261 (1108)	1231 (1028)	1219 (1074)	1233 (1025)

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 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 1966 is 1 September 1965. The closing date for the receipt of applications at the U.C.C.A. is 15 December, except for students wishing to include Oxford and Cambridge in their list of choices who must submit their applications by 15 October. However, all students are advised to submit their applications as soon as possible after 1 September and not to leave them until the last minute.

(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 page 143. 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 may be asked to state his reasons.

(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 requirement (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.

The course requirements for B.A. Honours degrees in Anthropology, Geography, History, Sociology or Philosophy and Economics are 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.

The course requirements for the B.Sc.(Special) degrees in Anthropology and Geography are 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 Ministry of Overseas Development 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 the School for advice.

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

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

(b) 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.

(c) 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 STUDENTS

Enrolment in this category 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.

(I) 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. Highly qualified graduate students who wish to follow a general course of education may also apply. Graduates who wish to follow a more specialised course, without preparing for a degree should apply for Research Fee registration (see p. 233).

(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.

OCCASIONAL STUDENTS

(I) 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) An Occasional student will be allowed full use of the Main Library and the Teaching Library on payment of an additional fee of £5 for each library.

(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 1965-66: they may not be valid 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.¹ 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.²

(4) The sessional or terminal fees should be paid in full before the beginning of the session or term to which they relate.² 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 217)".

(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.

¹ 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.

² 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 Diploma in Anthropology Diplomas in Personnel Management Social Administration Mental Health Applied Social Studies	£70	£26	£23
One-year Graduate Course in Business Administration Trade Union Studies	£60	£22	£20
General Course	£100	£36	£33
Diploma in Operational Research	£85	£31	£28
Diploma in Development Administration	£460		
Foreign Service Course	£380		

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. ¹	£32	£12	£11

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

Fees for Full-time Graduate Courses

It is expected that graduate fees will be raised from October 1966. At the time of going to press the amount of the increase had not been finally decided, but it is likely that the fee for a full-time higher degree course and for Research Fee registration will be £100 a year and for a part-time course £50 a year.

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All higher degrees	£60	£22	£20
Research fee ¹	£35	£13	£12
Continuation fee	£10	£4	£4

Fees for Part-time Graduate Courses²

	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.) ³	£16	£6	£6
Research Fee	£16	£6	£6
Continuation fee	£5	—	—

¹ 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.

² 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.

³ 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 145)

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 162*).
- (2) The Scholarship in International Law (*see page 163*).

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 Universities Central Council on Admissions by 15 December.

LEVERHULME ENTRANCE SCHOLARSHIPS

Three Leverhulme Entrance Scholarships of the value of £100 a year will be offered for award annually to students intending to register 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) The scholarships shall be open to men and women.
- (2) The successful candidates shall be required to register for one of the full-time first degree courses provided at the School.
- (3) In making the awards the School shall have regard to the candidates' school records, and candidates may be asked to attend for interview.
- (4) 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.
- (5) 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.
- (6) The scholarships shall not be awarded unless there are candidates of sufficient merit.

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

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 142*). Selected candidates will be interviewed.
- (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 preceding the year of award.

ENTRANCE SCHOLARSHIPS FOR MATHEMATICIANS

Entrance Scholarships have been established with the aid of funds provided by a number of business firms for students who wish to read for the B.Sc.(Econ.) degree and to specialize in Accounting, Economics (Analytical and Descriptive), Econometrics, Statistics or Computational Methods. The value of each scholarship will be £500 a year; each scholar will be responsible for paying his own fees. It is expected that one scholarship will be offered in 1966. In addition, a small number of awards of up to £100 may be offered to supplement local education authority awards. 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)
Econometrics
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 EXTRA-MURAL 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.

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 pamphlet *Grants to Students* published by the Department of Education and Science (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 in Liberal Studies.

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.

INNER LONDON EDUCATION AUTHORITY

In addition to making awards to undergraduates taking full-time courses, the Inner London Education Authority may award exhibitions covering the composition fee for evening study at this School, tenable for the duration of courses leading to internal degrees of the University of London. Candidates must be resident in the Administrative County of London. Further particulars can be obtained from the Education Officer (Reference HE.7/1), The County Hall, London, S.E.1.

Applications should be made by 31 January for awards tenable from the following October.

Teachers in the permanent full-time employment of the Council and temporary salaried teachers (half-time or more) may also be assisted with the composition fee for courses of evening study.

Applications should be made by 30 September to the Education Officer (EO/TS.12) at the address given above.

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 157.)

THE C. S. MACTAGGART SCHOLARSHIP

At least one C. S. Mactaggart Scholarship of the approximate value of £50 will be offered for award annually by the School.

The regulations for this scholarship are:—

- (1) The scholarship shall be open to evening students registered for the B.Sc.(Econ.) degree at the School who have passed the Part I examination for this degree. The successful candidate may, however, elect to continue his studies either as an evening or as a day student.
- (2) The scholarship shall be open to men and women.
- (3) The scholarship shall be awarded on the quality of the candidates' work at the School. Candidates may also be required to attend an interview.
- (4) The scholarship shall be tenable for one or more years, extension beyond the first year being dependent upon satisfactory progress.
- (5) The scholarship shall be awarded in September of each year, provided a candidate of sufficient merit presents himself.

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

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 or diploma 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.

**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 ECONOMICS¹

Graduate Studentships established with funds provided by a number of business firms will be offered for full-time advanced study in Economics, widely interpreted. These studentships are intended to

¹ "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.

enable recent graduates 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, or other appropriate subjects, who obtain such degrees 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 Economics Department by 9 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 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 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 overseas 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 overseas 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 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 overseas 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 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.

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 1967.

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 Studentship 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 not exceed £750 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 her by 31 May.

STUDENTSHIP IN THE ECONOMICS OF LATIN AMERICA

The School will offer at least one studentship, of the value of £750 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 £750 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 10 May 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 page 162.)

SCHOLARSHIP IN INTERNATIONAL LAW

(See page 163.)

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 Major State Studentships and 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 £500 (or £380 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.

SCIENCE RESEARCH COUNCIL

The Science Research Council has accepted the following courses as suitable for the tenure of its Advanced Course Studentships:—

One-year courses leading to a Master's degree in the following:—

Demography
Industrial Relations
Operational Research
Philosophy, Logic and Scientific Method.
Social Psychology (joint M.A./M.Sc. course).

One-Year Graduate Course in Business Studies.
Diploma in Operational Research.
Diploma in Personnel Management.

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

The Council 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 259 about the availability of S.R.C. 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 1967. The studentship is of the value of at least £600, 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.

INSTITUTE OF COMMONWEALTH STUDIES JUNIOR RESEARCH FELLOWSHIPS

(1) The Institute offers the Henry Charles Chapman Junior Research Fellowship and the Dame Lillian Penson Junior Research Fellowship in Commonwealth Studies 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 Henry Charles Chapman 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. The Dame Lillian Penson Junior Research Fellowship was instituted as a memorial to the late Professor Dame Lillian Penson.

(3) The annual value of each Junior Research Fellowship will be in the range £400-£600 or such small sum as will ensure that the holder's total income from scholarships is not less than £400 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 each 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 Fellowships 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 £400. Each Fellowship 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. Holders of the Fellowships will be required to devote their full time to their subject of 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) Candidates placed on the short list may be required to attend at the Institute for interview.

(7) Applications (4 copies), on the prescribed form, 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 £475 a year, plus tuition fees and, under certain conditions, payment of higher degree examination fees and a grant of up to £50 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 £450 a year, plus tuition fees and, under certain conditions, payment of a grant of £25 for approved initial research expenses and payment of higher degree examination fees and a grant of up to £50 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 £275¹ 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.

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.

¹ For the time being the University will make an additional grant of up to £200 and will also defray appropriate *tuition* fees and, under certain conditions, pay higher degree examination fees and make a grant of up to £50 towards the cost of producing a thesis.

- (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.

Note.—Candidates are not eligible to apply until the session after they have graduated in this University.

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 a University Studentship awarded on the results of the final examination, or other award. 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 a University Studentship awarded on the results of the final examination, or other award. 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 early in October 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 160.)

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 Methods¹ 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.

¹ 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) Degrees of Bachelor of Arts (B.A.) and Bachelor of Science (B.Sc. (Special)).
- (5) Degree of Bachelor of Science in Sociology (B.Sc. (Soc.)).
- (6) Degree of Bachelor of Arts in Sociology (B.A. (Soc.)).

I. 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.¹

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

¹ 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.

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
2. British Government: an Introduction to Politics ..	560
3. History, either (a) Economic History	260
or (b) Political History	289, 304

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

(1) Mathematics, either (a) Basic Mathematics	910-11
or (b) Intermediate Mathematics	914-15
(2) Elementary Statistical Theory	924-5
(3) Introduction to Logic ¹	480, 482, 482(A)
(4) Introduction to Scientific Method	480-1, 481(A)
(5) English Legal Institutions	409, 439
(6) Elements of Social Structure I	834, 834(A)
(7) Structure of International Society I	500-1
(8) Methods of Social Investigation	920-1, 946-7
(9) Principles and Methods of Social Anthropology ..	640, 654
(10) Psychology	700, 701, 706
(11) An Approved Modern Foreign Language	360-1
(12) Geography	185, 186
(13) Economic History of England from the Norman Con-	
quest to 1485	272, 274
(14) Elements of International Law ²	403, 432

¹ 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.

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

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 paper 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 (c) "International Economic History, 1850-1945" as prescribed in VI Economic History, Modern.

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

PART II

Special Subjects

Candidates are required to select one special subject from the sixteen 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, 305
(b) Introduction to Modern Mathematics ¹		910, 912-3
(c) Mathematics A ²		916-7
(d) Mathematics B		918-9
3. One of the following:—		
(a) Scientific Method		480, 486, 486(A)
(b) Accounting—Management and Economic Aspects		133-4, 136, 143
(c) An Approved Modern Foreign Language		362-370
(d) Public Finance		28-9
(e) Elements of Statistical Theory and Methods ³		924-7
(f) Commercial Law		410-4, 440
(g) Economic Geography		187, 194
(h) Elements of Social Structure II ⁴		834-5
4. Economic Principles		11, 12, 15, 102
5. Problems of Applied Economics		11
6. Economic Statistics		940, 941(A), 942
		950-4
7. Development of Economic Analysis		14
8. One of the following:—		
(a) Principles of Monetary Economics		85-7
(b) International Economics		102
(c) History of Economic Thought		13
(d) Economics treated Mathematically		16(A), 16(B), 17, 970-2
(e) Public Finance (if not taken in 3 above)		28-9
II. <i>Economics and Econometrics</i>		
1. <i>Either</i>		561-3
(a) Political Thought		
or		
(b) History		
either (i) Economic History		261
or (ii) Political History		290, 305
2. <i>Either</i>		
(a) Mathematics A ²		916-7
or		
(b) Mathematics B		918-9

¹ This paper may not be taken by candidates who have taken I(a) *Basic Mathematics* at Part I.

² This paper may not be taken by candidates who have taken I(b) *Intermediate Mathematics* at Part I.

³ This paper may not be taken by candidates who have taken *Elementary Statistical Theory* at Part I.

⁴ This paper may not be taken by candidates who have taken *Elements of Social Structure I* at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
3. One of the following:—		
(a) Elements of Statistical Theory and Methods ¹	..	924-7
(b) Statistical Theory	928-930
(c) Management Mathematics	928, 928(A), 966, 968-971
(d) Accounting—Management and Economic Aspects	133-4, 136, 143
(e) Development of Economic Analysis	14
4. Economic Principles	11, 12, 102
5. Problems of Applied Economics	11
6. Economic Statistics	940, 941(A), 942, 950-4
7. Economics treated Mathematically	16a, 16b, 17, 970-2
8. Econometrics	18, 926
III. <i>Monetary Economics</i>	8	
1. Political Thought	561-3
2. History	
<i>either</i> (i) Economic History	261
<i>or</i> (ii) Political History	290, 305
3. One of the following:—		
(a) Scientific Method	480, 486, 486(A)
(b) Accounting—Management and Economic Aspects	133-4, 136, 143
(c) Economic Geography	187, 194
(d) An Approved Modern Foreign Language	362-370
(e) Constitutional and Administrative Law	401, 416, 442
(f) Commercial Law	410-4, 440
(g) Elements of Social Structure II ²	834-5
(h) Mathematics A ¹	916-7
(i) Introduction to Modern Mathematics ³	910, 912, 913
(j) Public Finance	28-9
4. Economic Principles	11, 12, 15, 102
5. Problems of Applied Economics	11
6. Principles of Monetary Economics	85-7
7. Monetary Institutions	81-3
8. One of the following:—		
(a) History of Economic Thought	13
(b) International Economics	102
(c) Economic Statistics	940, 941(A), 942, 950-4
(d) Public Finance (if not taken in 3 above)	28-9
IV. <i>Industry and Trade</i>	8	
1. Economic Principles	11, 12, 15, 102
2. Political Thought	561-3
3. Economic Statistics and Business Accounts	133, 143, 920-1, 940, 941(B)
4. Business Administration	23
5. Industry and Trade	21-2, 161
6. Labour, including Law of Labour and of Social Insurance	..	24, 355, 410, 415, 440-1

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

² This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I.

³ This paper may not be taken by candidates who have taken 1(a) *Basic Mathematics* at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
7. Commercial Law	410-413, 440
8. One of the following:—		
(a) Accounting—Management and Economic Aspects	133-4, 136, 143
(b) Applied Statistics	
(c) Business Finance	26-7
(d) Economics treated Mathematically	16(A), 16(B), 17, 970-2
(e) History of Economic Thought	13
V. <i>Accounting</i>	8	
1. Political Thought	561-3
2. One of the following:—		
(a) History:	
<i>either</i> (i) Economic History	261
<i>or</i> (ii) Political History	290, 305
(b) Business Administration	22-3
(c) Mathematics A ¹	916-7
(d) Mathematics B	918-9
(e) Elements of Statistical Theory and Methods ²	924-7
(f) Economics treated Mathematically	16(A), 16(B), 17, 970-2
(g) Elements of Management Mathematics	920-1, 966-7, 967(A)
3. Economic Statistics and Business Accounts	133, 920-1, 940, 941(B)
4. Economic Principles	11, 12, 15, 102, 141
5. <i>Either</i>	
(a) Problems of Applied Economics	11
<i>or</i>	
(b) Industry and Trade	21-3
6. Commercial Law	410-412, 414, 440
7 and 8. Accounting	133-40, 142
VI. <i>Economic History, Modern</i>	8	
1. Economics	10
2. Political Thought	561-3
3. English Economic History, 1485-1760	263-4
4. English Economic History from 1760	264
5 and 6. Economic and Political History of England in one of the following periods:—		
(a) <i>ca.</i> 1575-1642	265, 275
<i>or</i>	
(b) 1830-1886	266, 276
7. Economic History of the United States of America from 1783	268-71
8. One of the following:—		
(a) English Constitutional History since 1660	565
(b) International History, 1815-1945	292-3, 308
(c) International Economic History, 1850-1945	303
(d) An Approved Modern Foreign Language	362-370
(e) Scientific Method	480, 486, 486(A)

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

² 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.
(f) Social Philosophy	8	849, 851-2
(g) Elements of Social Structure II ¹		834-5
(h) Economic Statistics	940,	941(A), 942
		950-4
(i) Historical Geography	188,	198, 240
(j) Political History		290, 305
(k) Social Aspects of Political and Economic Development		655
VII. <i>Economic History, Mediaeval</i>	8	
1. Economics		10
2. Political Thought		561-3
3 and 4. Economic History of England and Western Europe in the Middle Ages		273
5 and 6. English Economic History, 1377-1485		273
7 and 8. <i>Two of the following:—</i>		
(a) English Constitutional History to 1485		338
(b) English Constitutional History since 1660		565
(c) English Economic History, 1485-1760		263-4
(d) English Economic History from 1760		264
(e) International History, 1815-1945		292-3, 308
(f) International Economic History, 1850-1945		303
(g) Economic History of the United States of America from 1783		268-271
(h) Political Thought (Set Texts)		590
(i) An Approved Modern Foreign Language		362-370
(j) Scientific Method	480,	486, 486(A)
(k) Historical Geography	188,	198, 240
(l) Social Philosophy		849, 851-2
VIII. <i>Government</i>	8	
1. Economics		10
2. History:		
<i>either</i> (i) Economic History		261
<i>or</i> (ii) Political History		290, 305
3. <i>One of the following:—</i>		
(a) English Constitutional History since 1660		565
(b) Constitutional and Administrative Law	401,	416, 442
(c) International Institutions	508,	511, 513
(d) History of Economic Thought		13
(e) Scientific Method	480,	486, 486(A)
(f) An Approved Modern Foreign Language		362-370
(g) Local Government of England and Wales		574, 574(A)
4. Political Thought		561-3
5. Political Thought (Set Texts)		590
6. The Politics and Government of the United Kingdom		566-73-598
7. Comparative Political Institutions		579-81, 582(A), 582(B)
8. <i>One of the following:—</i>		
(a) Political Philosophy	591,	591(A), 591(B)
(b) Contemporary Political Thought	592,	592(A), 529(B)
(c) The Politics and Government of a Foreign or Commonwealth Country		417, 578, 583-7, 585(A), 586(A), 587(A)

¹ This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
IX. <i>Sociology</i>	8	
1. Economics		10
2. Political Thought		561-3
3. History:		
<i>either</i> (i) Economic History		261
<i>or</i> (ii) Political History		290, 305
4. Theory and Methods of Sociology		831-2, 850
5. Social Philosophy		849, 851-2
6. Social Structure of Modern Britain		841-3
7. Essay on a Sociological Subject		—
8. <i>One of the following:—</i>		
(a) Demography I		682-3
(b) Psychology	700,	702-4, 708-9
(c) Criminology		395, 844-8
(d) Comparative Morals and Religion		833, 833(A)
(e) Political Sociology		838
X. <i>Statistics</i>	8	
1. <i>Either</i>		
(a) Economic Principles		11, 12, 102
<i>or</i>		
(b) Economics treated Mathematically	16(A),	16(B), 17, 970-2
2. Political Thought		561-3
3. Mathematics B		918-9
4. Probability, Distribution and Sampling Theory		928, 928(A), 929, 929(A), 932, 935
5. Theory of Statistical Methods		930, 933, 955
6 and 7. <i>Two of the following:—</i>		
(a) Actuarial Statistics		956-8
(b) Demography II		680, 681, 683-5
(c) Econometrics	18,	926, 954, 970-2
(d) <i>either</i> (i) Computer Programming and Numerical Analysis		960-1, 963, 965
<i>or</i> (ii) Management Mathematics		928, 928(A), 966, 968-971
(e) Social Statistics and Survey Methodology		945, 948-50, 955, 981
(f) Mathematical Logic		484
(g) Economic Statistics		940-2, 950-4
8. General Statistics		940, 943-4, 946, 966, 970-2
XI. <i>Computational Methods</i>	8	
1. <i>Either</i>		
(a) Economic Principles		11, 12, 102
<i>or</i>		
(b) Economics treated Mathematically	16(A),	16(B), 17, 970-2
2. Political Thought		561-3
3. Mathematics B		918-9
4. Management Mathematics		928, 928(A), 966, 968-71
5. Computer Programming and Numerical Analysis		960-1, 963, 965
6 and 7. <i>Two of the following:—</i>		
(a) Accounting—Management and Economic Aspects		133-4, 136, 143
(b) Data Processing including Elements of Accounting	133,	143, 960-3, 965
(c) Probability, Distribution and Sampling Theory		928, 928(A), 929, 929(A), 932, 935

Subject.	No. of Papers.	Reference Nos. of Courses.
(d) Social Statistics and Survey Methodology .. ..	..	945, 948-50, 955, 981
(e) Elements of Statistical Theory and Methods ¹ ..	..	924-7
(f) Mathematical Logic .. .. .	..	484
8. General Statistics .. .. .	..	940, 943-4, 946, 966, 970-2
XII. <i>International Relations</i>	8	
1. Economics .. .. .	..	10
2. Political Thought .. .. .	..	561-3
3. <i>Either</i>		
(a) History:		
either (i) Economic History .. .. .	..	261
or (ii) Political History .. .. .	..	290, 305
or		
(b) International Law ² .. .. .	..	403, 432
4. International History, 1815-1945 .. .. .	..	292-3, 308
5. International Relations .. .. .	..	502-5, 507, 510
6. International Institutions .. .. .	..	508, 509, 511, 513
7 and 8. <i>Two of the following</i> :-		
(a) The Politics of International Economic Relations ..	..	514, 514(A)
(b) International Law (if not taken under 3) .. ..	..	403, 432
(c) International History (Special Period) .. .. .	..	301-2
(d) The Problems of International Peace and Security ..	..	516, 521
(e) Philosophical and Psychological Aspects of International Affairs .. .. .	..	524-526(A)
(f) The Geographical and Strategic Aspects of International Affairs .. .. .	..	516, 522
(g) The Interplay between Politics at the Domestic and International Levels .. .. .	..	527
(h) Sociology of International Law .. .. .	..	529, 529(A)
(i) <i>Either</i>		
(ii) Political Philosophy .. .. .	..	591, 591(A), 591(B)
or		
(ii) Contemporary Political Thought .. .. .	..	592, 592(A), 592(B)
or		
(iii) An Approved Modern Foreign Language ..	..	362-370
XIII. <i>Social Anthropology</i>	8	
1. Economics .. .. .	..	10
2. <i>Either</i>		
(a) Political Thought .. .. .	..	561-3
or		
(b) Social Aspects of Political and Economic Development .. .. .	..	655
3. History:		
either (i) Economic History .. .. .	..	261
or (ii) Political History .. .. .	..	290, 305
4. General Principles of Cultural and Social Anthropology ..	..	641, 654-5
5. Economic and Political Systems .. .. .	..	641, 643-4
6. Moral and Ritual Systems .. .. .	..	641
7. Ethnography of a Special Area .. .. .	..	649-652
8. Development of Social Anthropology .. .. .	..	646-8

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

² 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.
XIV. <i>International History</i>	8	
1. Economics .. .. .	..	10
2. Political Thought .. .. .	..	561-3
3. <i>One of the following</i> :-		
(a) Economic History .. .. .	..	261
(b) Structure of International Society II .. .. .	..	502, 503, 506
(c) International Law ¹ .. .. .	..	403, 432
(d) An Approved Modern Foreign Language .. .. .	..	362-70
(e) Historical Geography .. .. .	..	188, 198, 240
(f) Economic Geography .. .. .	..	187, 194
4. International History, 1494-1815 .. .. .	..	291, 306
5. Diplomatic Relations of the Great Powers, 1815-1914 ..	..	292
6. International History, 1914-1945 .. .. .	..	293-7, 307
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, 511, 513
(b) International Economic History, 1850-1945 ² ..	..	303
(c) British-American-Russian Relations, 1815-1914 ..	..	298
XV. <i>Geography</i>	8	
1. Economics .. .. .	..	10
2. Political Thought ³ .. .. .	..	561-3
3. History:		
either (i) Economic History .. .. .	..	261
or (ii) Political History .. .. .	..	290, 305
4. Physical Geography .. .. .	..	191, 192, 193
5. Economic Geography .. .. .	..	187, 194
6. The British Isles .. .. .	..	189, 195
7. Europe .. .. .	..	190, 196
8. <i>One of the following</i> :-		
(a) Political Geography .. .. .	..	188, 199
(b) Historical Geography .. .. .	..	188, 198, 240
(c) Social Geography .. .. .	..	188, 200
(d) The Geography of an approved Region:-		
<i>Either</i>		
(i) North America .. .. .	..	188, 201
or		
(ii) Monsoon Asia .. .. .	..	188, 202
or		
(iii) Africa .. .. .	..	188, 203
or		
(iv) Latin America .. .. .	..	188, 204
(e) Economics of Transport .. .. .	..	160-3 205

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

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

³ In approved cases candidates may offer as an alternative to Political Thought an Approved Modern Foreign Language or Economic Statistics.

Subject.	No. of Papers.	Reference Nos. of Courses
XVI. <i>Philosophy</i>		
1. Economics		10
2. <i>Either</i>		
(a) Political Thought		561
or		
(b) Introduction to Modern Mathematics ¹		910, 912
3. <i>One of the following:—</i>		
(a) History		261, 290
(b) Philosophy and History of Science		486, 486a
(c) Elements of Statistical Theory and Methods ²		924-6
4. <i>Either</i>		
(a) Moral and Political Philosophy		
or		
(b) Mathematical Logic ³		484
5. Logic and Methodology		481-2, 486, 486(A), 487
6. History of Modern Philosophy		483
7. Epistemology and Metaphysics		485, 490
8. <i>One of the following:—</i>		
(a) Philosophy of Social Knowledge		—
(b) Philosophy and History of Science (if not taken in 3 above)		486, 486(A)
(c) Essay on a philosophical subject		—

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 provides a complete course for the degree of LL.B. except for a few optional subjects where the courses are provided at King's College, University College or the School of Oriental and African Studies. Students registered at the School who take these subjects have access to the appropriate lectures at the other colleges.

¹ This may not be taken by candidates who have taken I (a) *Basic Mathematics* or I (b) *Intermediate Mathematics* in Part I.

² Unless taken as Part I.

³ This may be taken only by candidates taking Introduction to Modern Mathematics or who have taken I (a) *Basic Mathematics* or I (b) *Intermediate Mathematics* in Part I.

The qualifications for entry on the degree course are exactly the same as those for the B.Sc. (Econ.) degree (see page 192).

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 in the following September.

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	391, 421
(b) The English Legal System	1	392, 422
(c) Elements of the Law of Contract	1	393, 423
(d) <i>either</i> (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, 19
and		
<i>either</i> (b) The Social and Economic History of England from 1760		262
or (c) Political History		289, 304
or (iii) Elements of French Civil Law		—

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

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		
1. Criminal Law or Indian Criminal Law	I	394, 395, 424
2. Law of Tort	I	396, 425
3. Law of Trusts	I	397, 426
4. One of the following:—		
(a) English Land Law	I	398, 427
(b) Principles of the Law of Evidence		
(c) English Administrative Law		
(d) Muhammadan Law		
(e) Hindu Law		
(f) African Law		

Note:—Students registered at the School will be required to take Criminal Law for paper (1) and English Land Law for paper (4), unless, for special reasons, permission is given to take one of the alternatives.

PART II		
5. Jurisprudence and Legal Theory	I	399, 428
Three of the following:—		
6. English Land Law (if not taken at Part I)	3	398, 427
7. Principles of the Law of Evidence (if not taken at Part I)		
8. English Administrative Law (if not taken as Part I)		
9. Muhammadan Law (if not taken at Part I)		
10. Hindu Law (if not taken at Part I)		
11. Roman Law		
12. History of English Law		
13. Public International Law		
14. Conflict of Laws		
15. Conveyancing		
16. Succession, Testate and Intestate		400, 429
17. Mercantile Law		401, 430
18. Industrial Law		—
19. Law of Domestic Relations		—
20. African Law (if not taken at Part I)		—

Note:—Students registered at the School will not be allowed to take (9) Muhammadan Law, (10) Hindu Law, (15) Conveyancing or (20) African Law unless, for special reasons, permission to do so is granted.

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see pages 211-2).

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. 143). 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	640-1, 643-4, 646-8, 654
2. Economic and Political Systems	
3. Moral and Ritual Systems	
4. Ethnography of a Special Area	831, 833, 833(A)
5. The Evolution of Man	649-652
6. Racial Variation among Living Peoples	655 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	206-10
2. Human Geography	213-4, 217
3. Map Work	212, 216
4. The British Isles	215
5. Europe	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	218, 231
(ii) Geomorphology	219-21, 232-4
(iii) Meteorology and Climatology	222, 235
(iv) Plant Geography	223, 236
(v) Economic Geography	224, 237-8
(vi) Historical Geography	225, 239-40, 239(A)
(vii) History of Geographical Science and Discovery	226, 241
(viii) Political Geography	227, 242
(ix) Geography of Settlement	228, 243-4
(x) Applied Geography	245
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	272, 325-6
2. English History from the beginning of the 15th century to the middle of the 18th century	1	327, 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, 292-7 336, 338-41, and others by inter-collegiate arrangements.
8. } A Special Subject	2	342-4 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 eight papers, as follows: Papers 1, 3, 4, 5, 6, 9 and any two of the papers 2, 7 and 8.

	Reference Nos. of Courses.
1. Modern Philosophy from Bacon and Descartes to Kant	483
2. Epistemology and Metaphysics	485-6, 486(A), 490, 494
3. Logic and Methodology	481-2, 484, 487
4. <i>Either</i> (a) Ethics ¹ <i>or</i> (b) Political Philosophy	561, 591
5. Economic Principles	9, 11, 12 15, 102
6. Problems of Applied Economics	11
7. History of Economic Thought	13
8. Modern Economic History, c. 1850-1939	260

¹ No tuition will be given in this subject during the session 1965-66.

	Reference No. of Courses.
9. <i>Either (a) an Essay</i>	—
<i>or (b) The Philosophy of the Social Sciences with special reference to Economics</i>	493

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

5. Degree of Bachelor of Science (Sociology)

Students who have obtained the B.A. Honours Degree in Sociology or the B.Sc.(Econ.) Degree with Special Subject 9 (Sociology) or Special Subject 13 (Social Anthropology) at Part II of the examination will not be permitted to proceed to the B.Sc.(Soc.) Degree.

The entry qualifications for the B.Sc.(Soc.) degree are the same as for the B.Sc.(Econ.) degree (see p. 192); there is no language requirement.

There are three Branches of the degree and each Branch constitutes a more or less distinct course.

Regulations

Subject.	Reference Nos. of Courses.
<i>Branch I</i>	
The examination will consist of ten written papers as follows:—	
1. Theories and Methods of Sociology	831, 834, 834(A), 850, 854
2. Statistical Methods in Social Investigation	855, 922, 945-6
3. Comparative Social Institutions	640, 837
4. Ethics and Social Philosophy	849, 851, 853,
5. Social Psychology	700-4, 707-9
6. Economics	9, 10(A), 10(B), 10(C)
7. <i>Either (a) Social Structure of Modern Britain (2 papers)</i> and <i>or (b) Græco-Roman Civilisation (2 papers)</i>	841-3
8.1 <i>or (c) European Civilisation in the Middle Ages (2 papers)</i> ²	—
9. and } Any two of the following:—	
10. } (a) Social Structure and Social Change	—
(b) Social Policy and Social Administration	720-2, 724
(c) Comparative Morals and Religion	833, 833(A)
(d) Criminology	395, 844-8
(e) Demography	682-3, 873
(f) Political Sociology	838
(g) Industrial Sociology	—

Branch II

The examination will consist of ten written papers as follows:—

1. Theories and Methods of Sociology	831, 834, 834(A), 850, 854
2. Comparative Social Institutions	640, 837
3. Ethics and Social Philosophy	849, 851, 853

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

² The School does not provide tuition in this subject.

Subject.	Reference Nos. of Courses.
4. Economics	9, 10(A), 10(B)
5. General Principles of Cultural and Social Anthropology	640-1, 643-4, 654-5 833, 833(A)
6. Economic and Political Systems	
7. Moral and Ritual Systems	
8. Ethnography of a Special Area	649-652
9. Development of Social Anthropology (with special reference to selected texts)	646-8
10. <i>One of the following:—</i>	
(a) Social Psychology	700-2, 704, 707, 709
(b) Demography	682-3
(c) Statistical Methods in Social Investigation	855, 922, 945-6

For Branches I and II 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.

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

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

Branch III. The examinations will be as follows:—

A. Preliminary examination.

Before proceeding to the final examination candidates will be required to satisfy the examiners in the preliminary examination held at the end of the first year of study. The examination will consist of two written papers:

- (a) British Social History in the 19th and 20th Centuries.
- (b) British Political, Administrative and Legal Institutions.

In drawing up the Pass List, examiners will consider reports on candidates' work in all subjects during the session. The preliminary examination will not count for honours. No candidate may present himself for the final examination until two sessions have elapsed since successful completion of the preliminary examination.

B. Final examination.

1. British Social History in the 19th and 20th Centuries.
2. British Political, Administrative and Legal Institutions.
3. Economics.
4. British Social Policy and Administration.
5. Social Investigation.
6. Social Theory.

7. One of the following:—

- (a) Central and Local Government Administration.
- (b) Social Structure and Social Policy in Societies undergoing Industrialisation.
- (c) The Structure of Social Security.
- (d) The Family in Law and in Society.
- (e) Industrial Sociology.

8. A dissertation, normally limited to 5,000–7,000 words, to be presented not later than the 1st February in the year in which the final examination will be taken. The subject of the dissertation must be approved by the Board of Studies in Sociology. The dissertation will be classed as one paper in the final examination. Candidates offering Optional Subject 7 (a), Central and Local Government Administration, will not be permitted to choose a dissertation subject which falls within the field of the selected development for special study prescribed by the Regulations for the year in which they will present themselves for the final examination.

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

6. B.A. Honours Degree in Sociology

For Branches I and II this degree is identical, except in title, with the B.Sc.(Soc.) degree described on pp. 208–10, but since it is awarded in the Faculty of Arts the course requirement is the same as for other Arts degrees; i.e., it includes two languages, one of them classical. **Branch III is not available within the B.A. Honours degree.**

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. [192-4] and [197].) Further information is given in the pamphlet "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 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 examination¹;

¹ A student who passes in Tort at Part I but who subsequently obtains a Second Class Honours Degree will similarly be exempt if he obtained Second Class Honours standard in Contract at the Intermediate Examination.

(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 DIPLOMAS AWARDED BY THE SCHOOL

The School awards the following diplomas:—

- (1) Diploma in Development 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.

I. Diploma in Development Administration

The London School of Economics and Political Science, with support from the Ministry of Overseas Development, offers a course in Development Administration which has special reference to the needs of the "developing" countries.

It 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 about the methods and organisation of development. He will be encouraged to examine the policies and methods 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 areas. If required opportunity will 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 course will cover the following three subjects:—

- (a) Governmental aspects of development.
- (b) Social aspects of development.
- (c) A third field of concentration.

The alternatives offered under (c) will normally include Techniques and Problems of Economic Planning; Local Government and Community Development; Aims and Methods of Governmental Planning. The availability of each specialisation will depend upon individual qualifications, and the option of Economic Planning can only be taken by those with an adequate knowledge of Economics.

At the end of the course, a paper will be set in each of the three branches of study. Suitably qualified persons will be allowed to substitute for one of the papers a dissertation on some specialised topic within the field of development administration.

Those who satisfy the examiners will be awarded a Diploma by the School.

The syllabus will be treated 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. 289-291 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

1. There shall be a Diploma in Development 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. Candidates will normally take papers in three subjects:

- (i) Governmental Aspects of Development.
- (ii) Social Aspects of Development.
- (iii) Special Subject to be chosen in accordance with the candidate's qualifications and interests. Normally the subject chosen will be
either Techniques and Problems of Economic Planning,
or Local Government and Community Development,
or Aims and Methods of Governmental Planning.

The choice of special subject shall be approved by the Tutors, after consultation with the candidates.

5. Candidates who have sufficient qualifications and have shown appropriate abilities may be allowed to substitute, for one of the papers, a dissertation upon some aspect of development administration. This substitution shall depend upon the Tutors' agreement, and the form and length of the dissertation shall be settled by the Tutors.

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 each year of the course is £85 payable in advance. No separate registration or examination fees will be charged. Private students may apply for graduate bursaries described on p. 175.

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 and Applications.
- (iii) Mathematical Programming.
- (iv) Planning and Control of Production and Inventories.
- (v) and (vi) *Two* of the following:
 - (a) Methods of Operational Research.
 - (b) Management Accounting.
 - (c) Automatic 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.¹

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

¹ Candidates who take the Master of Science Degree in Operational Research (see p. 246) will be exempted from either three or four of the Diploma papers (depending upon the fourth paper chosen in the M.Sc. Degree). The further papers for the Diploma may be offered at the same time as the M.Sc. papers or subsequently.

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, Social Anthropology 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. Variations are made in the course to meet the needs of students who are preparing to work in the low-income countries.

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 for the diploma for graduate students covers one academic year. 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, 730, 735
The Economic and Social Background to Social Policy and Administration	1	724, 830, 834, 841, 946,
Psychology and Social Structure	1	700-2, 731-4, 830, 834, 841

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 graduate students must have attained the age of 21 by 1 October in the year for which they seek admission and they must be graduates of a university.

Admission for British graduates will be determined by interview and relevant documentary evidence. Application must be made by 1 March preceding the session for which admission is desired, but interviews will be given in the Christmas vacation for candidates who apply by the middle of November and during the Lent Term for those who apply by the middle of January.

Graduates of oversea universities must apply by 31 January if they are applying from overseas and by 1 March if they are in the United Kingdom. They must have had practical experience of at least one year's duration, preferably in their own country, in the social welfare field or in other relevant work. They are required to take an entrance examination, for which there is a fee of £1, and they may be called for interview; if necessary, arrangements can be made for the examination and the interview to take place overseas. Oversea graduates of a British university are not required to take the entrance examination, but they must have had the year's practical experience.

Application forms can be obtained from the Department of Social Science and Administration.

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 for the diploma for non-graduate students covers two academic years. 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	640, 830, 834, 841, 946
Social Policy and Administration	1	720-3, 729, 730, 735
Psychology	1	700-2, 731-4,
Social Economics	1	8, 10(c), 25, 29, 724

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 of the year for which they seek admission, and preference will normally be given to those who have had a period of employment of approximately one year between leaving school and the date at which they wish to begin the course. 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 interview. If necessary arrangements can be made for the examination and the interview to take place

overseas. Application must be made by 31 January preceding the session in which admission is desired. Application forms can be obtained from the Department of Social Science and Administration.

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 full-time study for men and women intending to seek employment as Personnel Officers. The course will be for a calendar year, starting with a month's practical work in industry in September and finishing with the examination for the Diploma at the end of the following August.

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 only those who reach the approved standard will be given an interview. If necessary arrangements can be made for the examination and the interview to take place overseas.

Any person (with the exception of oversea 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 who are 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, as this Institute arranges interviews in India for all Indian applicants. 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. The first period of practical training is in September preceding the first academic term. The Easter vacation is spent in an investigation in industry. A further period of practical training takes place in July after the Summer term finishes. An examination will be held at the end of August, 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 at the end of August 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 Medical Social Workers, 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. 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.

Applications will be considered in order of receipt, and in any case not after 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 casework 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.

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.

THE GRADUATE SCHOOL

AND REGULATIONS FOR HIGHER DEGREES

In its inception the London School of Economics was dedicated to research and advanced studies; and throughout its existence, the Graduate School which is one of the largest of its kind in the country has constituted a major division of its activities.

In the session 1964-65 some 1,100 (eleven hundred) students were registered in the Graduate School either for systematic work for different higher degrees, or for shorter visits and special enquiries. The greater number of registered graduates work for the higher degrees of London University, but qualified applicants are admitted to do research under supervision without working for a degree.

At the present time the work of the Graduate School falls into two parts—advanced training and research.

As regards advanced training, the School provides lectures, classes, seminars and individual supervision for students who wish to take a Master's degree by examination. Such training is specifically designed to carry further specialisations commenced during work for a first degree, and to provide professional competence in the subject in which it is given. Reference to the details of lecture courses, classes and seminars in Part III of this calendar will show the individual courses involved, which are now provided in the different subjects on a very extensive scale.

As regards research, unique facilities are provided by the close proximity of the L.S.E. to the centres of Government, business and law, and by its ease of access to the British Museum, and the Records Office which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the Social Sciences.

Graduate students wishing to undertake research will be expected as a general rule to have attained the degree of competence required by the one-year Master's degree. At this stage they have the opportunity of proceeding, according to their competence, either to the M.Phil. which involves a relatively short dissertation, or to the Ph.D. which involves a dissertation of more substantial dimensions. Students who are thus registered are attached to individual supervisors who at all stages will be responsible for advising them on the planning and execution of their research.

For fees see pages 150-3.

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. The fact that a student has satisfied the general requirements of the University of London does not mean that he will obtain a place at the School. Since its accommodation is limited the School can accept only a small proportion of those who apply. The School may 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 (other than for the one-year M.Sc.) 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 School in explanation of the delay. Retrospective registration will be allowed in some circumstances and where a student has already been registered in the Graduate School. A full-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 who has been accepted by the School 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. Candidates for the one-year M.Sc. must register within two months of taking up their course.

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. A qualifying or preliminary examination may be imposed, after registration, as a condition of being allowed to enter for the degree examination. A student upon whom such a condition has been imposed will normally be required to sit the qualifying examination at least a year before he enters for his degree examination or submits his thesis. If he fails to pass this qualifying examination he will not be permitted to re-enter for it without the permission of the School.

If the qualifying examination imposed consists of a paper or papers from an existing University examination, the fee payable by the candidate

is prescribed by the University: £5 for a single paper, £10 for more than one paper. In this case, the candidate is required to submit an entry form to the University by the date prescribed in the regulations for the relevant examination.

5. 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.

6. If in the case of a candidate for the Ph.D. degree 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.

7. 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.

8. 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.

9. 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.

10. 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.]

11. If a student who fails to pass the higher degree examination is allowed to re-enter he will be required 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 following are eligible, by University regulations, to apply for registration for a Ph.D. degree:—

- (i) A graduate of this University;
- (ii) A graduate of another University;
- (iii) The holder of an approved diploma in certain approved educational institutions of university rank.

An applicant who has not obtained at least a **Second Class (Upper Division)** in an Honours degree examination of this University, or its equivalent in another university, will not **normally** be admitted to the Graduate School as a candidate for the Ph.D. degree; and one who has not already obtained a Master's degree of this or another university will **usually** be required to register, in the first place, for a Master's degree.

2. A student is required to register before proceeding to the Ph.D. degree as an Internal Student. When applying for registration he must submit evidence of his qualifications to proceed to this degree. The Registration Form, when completed, shall be returned to the Graduate Office of the School.

3. 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 editions 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) The following are eligible, by University regulations, 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;
- (ii) A graduate of another University;
- (iii) The holder of an approved diploma in certain approved educational institutions of University rank.

(2) A student is required to register before proceeding to a Master's degree as an Internal Student. When applying for registration he must submit evidence of his qualification to proceed to a Master's degree.

(3) A student admitted to the School must apply to the University for registration as a candidate for a Master's degree, on the prescribed form through the Office of the Graduate School.

(4) 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.

(5) A candidate registered for the M.Phil. 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.

(6) A student registered for a Master's degree is required to pursue an approved course of study. When he applies to be examined for the degree (by completing an entry form obtainable from the Office of the Graduate School), he must 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.

(7) A student registered for the M.Phil. will not be permitted to publish his thesis *as a thesis approved for the Master's degree* without the special permission of the University.

(8) Information about the examinations for each of the Master's degrees are to be found below.

THE DEGREE OF MASTER OF SCIENCE
IN THE FACULTY OF ECONOMICS

(M.Sc.)

The Degree of Master of Science in the Faculty of Economics is awarded by examination in the following fields of study:

Accounting	Industrial Relations	Politics
Demography	International History	Social Administration
Economics	International Law	Social Anthropology
Econometrics	International Relations	Sociology
Economic History	Operational Research	Statistics
Geography	Philosophy	

Qualifications for Admission

A graduate who has not obtained at least a **Second Class Honours degree** in this University, or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Sc. degree.

Registration with the University

Candidates accepted for the one year M.Sc. are required to submit their application to the University (through the Graduate Office) NOT later than two months after the beginning of the course. There is no provision for retrospective registration for the one year M.Sc.

The Course of Study

The course of study will extend over not less than **one** academic or **one** calendar year (see below), but a candidate whose initial qualification in the field of study he wishes to pursue is held by the School to be insufficient may be required to extend his course over **two** years and to pass a qualifying or preliminary examination not less than one year before entry for the degree examination.

No candidate will be admitted to the School to follow the course of study for the M.Sc. Degree except at the beginning of the session.

A candidate who has been admitted by the School as a part-time student will be required to extend his course of study over two years.

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.¹ 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 for either the June or the September examination must apply to the Graduate School Office for a form of entry, which must be sent, duly filled up, together with the appropriate fee to the Academic Registrar not later than 1 February.

A candidate who fails in his examination will not normally be re-admitted to the School, and the University will allow him to re-enter on only **one** further occasion.

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. 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.

Every candidate for the M.Sc. must at each entry to the whole examination pay a fee of £25. All cheques must be made payable to the University of London, and crossed "Westminster Bank Ltd., Tavistock Square, W.C.1, University of London Account".

The latest date for withdrawal from the examination is 1 June for the June examination, and 15 August for the September examination.

A candidate who withdraws for reasons other than his own illness or the death of a near relative from a written examination for a Master's degree after the last date of entry but not later than the above date, shall receive back the entry fee paid less £4.

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.

¹ In the following branches of study the examination will take place in June: Accounting, Economics, Econometrics, Industrial Relations, International Law, International Relations, Operational Research, Philosophy, Social Administration, Statistics. In the following branches of study the examination will take place in September: Demography, Economic History (Modern), Geography, International History, Politics, Social Anthropology, Sociology.

Accounting

The examination will consist of four papers.
Accounting and Financial Control

Demography

The examination will consist of three papers and a record of practical work done during the course.

- (1) Demography I.
- (2) Demography II.
- (3) *One* of the following:
 - (i) Methods of Sociological Study.
 - (ii) Social Structure and Social change.
 - (iii) Economics of poor countries and their development.
 - (iv) Economic growth historically considered.
 - (v) Problems of Public Health and Socio-medical research.
 - (vi) Design and Analysis of Statistical Investigation.
 - (vii) Any other subject approved by the candidate's teachers.

Economics

Candidates will be required to choose *one* of the following subjects:

1. Economics

The examination will consist of four papers as follows:

- (1) Economic Theory.
- (2) Methods of Economic Investigation.
- (3) *One* of the following branches (2 papers):
 - (i) Advanced Economic Theory.
 - (ii) History of Economic Thought.
 - (iii) International Economics.
 - (iv) Labour Economics.
 - (v) Monetary Economics.
 - (vi) Economics of Public Enterprise.
 - (vii) Economics of Transport.
 - (viii) Public Finance.
 - (ix) Economics of Industry.
 - (x) Business Administration.
 - (xi) Business Finance.
 - (xii) Economics of poor countries and their development.
 - (xiii) Agricultural Economics.
 - (xiv) Economic problems of a particular region.
 - (xv) Any other field of economics approved by the candidate's teachers.

2. Economics

The examination will consist of four papers as follows:

- (1) Economic Theory and its applications (two papers).
- (2) Quantitative Methods of Economic Enquiry.
- (3) *One* of the fields specified under 1. **Economics** (3).

N.B.—The course of study set out under 2. Economics is *not* available to students of the London School of Economics.

3. Economics

In exceptional circumstances a candidate's application to take four papers in any one of the branches of Economics specified under 1. (3) may be approved.

Econometrics

The examination will consist *either* of four papers, *or* of three papers and a record of practical work done during the course.

- (1) Quantitative Economics (two papers).
- (2) *One* of the following branches:
 - (i) Advanced Economic Analysis.
 - (ii) Econometric Theory.
 - (iii) Economic Statistics.
 - (iv) Mathematical Programming.
 - (v) Any other subject approved by the candidate's teachers.

Economic History

The examination will consist of three papers and an essay written during the course of study.

- (1) The sources and historiography of Economic History in *two* of the following periods (2 papers):
 - (i) England, 1380–1530.
 - (ii) England in the Seventeenth Century.
 - (iii) Britain, 1783–1850.
 - (iv) Britain, 1900–1950.
 - (v) USA, 1890–1929.
- (2) An Essay of about 10,000 words on an approved topic relating to one of the candidate's chosen periods.
- (3) *One* of the following:
 - (i) Economic Growth historically considered.
 - (ii) Social Structure and Social Change.
 - (iii) Economic and Social Thought in *one* of the periods specified in (1).
 - (iv) 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:

- (1) Modern Geographical Thought and Practice.
- (2) *One* (or in special cases *two*) of the following 3 papers, one of which may be an Essay:
 - (i) Economic Geography.
 - (ii) Historical Geography.
 - (iii) Social Geography.
 - (iv) Physical Geography.
 - (v) Cartography.
 - (vi) 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:

- (1) Industrial Relations (2 papers).
- (2) *One* of the following branches (2 papers):
 - (i) Labour Economics.
 - (ii) Labour History.
 - (iii) Labour Law.
 - (iv) Industrial Psychology.
 - (v) Industrial Sociology.
 - (vi) 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:

- (1) A specified period of modern International History.
- (2) An approved aspect of the candidate's chosen period, studied in relation to prescribed sources (2 papers).
- (3) Diplomatic Theory and Practice relating to *one* of the following periods:
 - (i) 1688-1815.
 - (ii) 1815-1919.
 - (iii) 1919-1946.

International Law

Candidates will be required to choose *one* of the following subjects. The examination 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 will consist of four papers.

1. International Politics.
2. International Politics of an approved region (e.g. Europe, Africa, Southern Asia, Latin America).
3. The Foreign Policies of the Powers.
4. International Institutions.
5. European Institutions.
6. Theories of International Politics.
7. Strategic Studies.

Operational Research

The examination will consist of four papers as follows:

- (1) *Either* Statistical Theory I,
Or Design and Analysis of Statistical Investigations.
- (2) *Either* Stochastic Processes and Applications,
Or Statistical Theory II.
- (3) Mathematical Programming.
- (4) *One* of the following:
 - (i) Management Accounting.
 - (ii) Computer Programming and Simulation.
 - (iii) Econometric Theory.
 - (iv) Industrial Psychology.
 - (v) Operational research methods.
 - (vi) Automatic data processing.

Philosophy

Candidates will be required to choose *one* of the following two subjects. The examination will consist of four papers.

1. Logic.

- (1) Mathematical Logic
- (2) *Three* of the following:
 - (i) Philosophy of Mathematics.
 - (ii) History of Logic.

- (iii) Introduction to Modern Mathematics.
- (iv) Foundations of Probability and Statistics.
- (v) Advanced Scientific Method.
- (vi) History of Epistemology.
- (vii) Selected Topics in the History of Science.

2. Scientific Method

- (1) Advanced Scientific Method.
- (2) *Three* of the following:
 - (i) History of Epistemology.
 - (ii) History of Logic.
 - (iii) Elements of Mathematical Logic.
 - (iv) Foundations of Probability and Statistics.
 - (v) Selected Topics on the History of Science.
 - (vi) Methodology of the Social Sciences.

Politics

Candidates will be required to choose *one* of the following subjects. The examination 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.
6. The Politics and Government of an approved country (other than the United Kingdom), a federation, association or group of countries; or the government and the economy of an approved country. (Candidates may be required to acquire a knowledge of an appropriate foreign language and will normally be required to do a minimum course of *two* years' study.)

Social Administration

The examination will consist of three papers and an essay written during the course of study.

- (1) Social Policy and Administration.
- (2) *Two* of the following:
 - (i) Medical care.
 - (ii) Social Security.
 - (iii) Welfare Services.
 - (iv) Housing and Town Planning.
 - (v) Community Development.
 - (vi) The Sociology of Family Law.
 - (vii) A paper from another Branch of M.Sc. study (with the consent of the candidate's teachers).
- (3) An essay of not more than 10,000 words on a topic approved by the candidate's teacher.

Social Anthropology

The examination will consist of four papers, as follows:

- (1) Development of Social Anthropology.
- (2) *One* of the following branches (2 papers):
 - (i) Theory of Kinship.
 - (ii) Economic Anthropology.
 - (iii) Political Anthropology.
 - (iv) Anthropological Studies of Religion and Morals.
- (3) *One* of the following subjects (1 paper):
 - (i) Social Anthropology of Complex Societies.
 - (ii) Applied Anthropology.
 - (iii) Race Relations.
 - (iv) Regional Ethnography—a specialist study.

Sociology—

The examination will consist of four papers, at least *two* of which must be taken from those numbered (i), (ii), (iii) and (iv).

Those wishing to concentrate on Social Psychology must take paper (iv) and at least one paper from options (xvii) to (xxi).

- (i) Sociological Theory.
- (ii) Methods of Sociological Study.
- (iii) Social Structure of Industrial Societies.
- (iv) Theories and Methods of Social Psychology.
- (v) Sociology of Education.
- (vi) Sociology of Deviant Behaviour I.
- (vii) Sociology of Deviant Behaviour II.
- (viii) Industrial Sociology.
- (ix) Social Structure and Social Change.
- (x) Social Structure of Non-industrial Societies.
- (xi) Sociology of Development (with special reference to a region).
- (xii) Demography I.
- (xiii) Race Relations.
- (xiv) Theories and Concepts of Political Sociology.
- (xv) Political Stability and Change.
- (xvi) The Study of Political Behaviour.
- (xvii) Personality and Socialisation.
- (xviii) Communication and Attitude Change.
- (xix) Psychological Aspects of Language.
- (xx) The Social Psychology of Industrial and other Organisations.
- (xxi) The Psychological Study of Groups.

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) Econometric Theory.
- (vii) Mathematical Programming.
- (viii) Survey Methods.
- (ix) Any other topic approved by the candidate's teachers.

THE DEGREE OF MASTER OF PHILOSOPHY
IN THE FACULTY OF ECONOMICS
(M.Phil.)

The Degree of Master of Philosophy in the Faculty of Economics is awarded by Dissertation in the following fields of study:

Accounting	Industrial Relations	Politics
Business Administration	International History	Social Administration
Demography	International Law	Social Anthropology
Econometrics	International Relations	Social Psychology
Economic History	Operational Research	Sociology
Economics	Philosophy	Statistics
Geography		

Qualifications for Admission

A graduate who has not obtained at least a **Second Class (Upper Division)** in an Honours Degree of this University, or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Phil. Degree.

A candidate whose initial qualification in the field of study he wishes to pursue is held by the School to be insufficient may be required to follow a course of study and to pass a preliminary examination not less than a year before he submits his Dissertation.

The Course of Study and the Dissertation

The course of study will extend over not less than **two** academic years.

Each candidate will settle with his Supervisor the subject and title of his Dissertation and must have it approved by the University at least nine months before he submits it. It must not exceed 55,000 words.

Candidates should bring the title for approval into the Graduate Office before the end of the first session.

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 June in the year in which the course of study is completed.

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.

A list of candidates for the M.Phil. 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 re-present his revised dissertation at any time.

Fees for the Examination

Every candidate for the Degree of M.Phil. must at each entry to the whole Examination pay a fee of £25.

A candidate registered for the M.Phil. degree may, with the approval of his Supervisor and of the School, be transferred to registration for the Ph.D. degree. Where this is permitted he may be allowed to count not more than four terms of the period during which he was registered for the M.Phil. degree towards the qualifying period for the Ph.D. degree.

THE DEGREE OF MASTER OF PHILOSOPHY IN THE FACULTIES OF ARTS AND LAW¹

(M.Phil.)

The M.Phil. by dissertation only is also awarded in the Faculty of Arts in:

Social Anthropology.
Geography.
History.
Philosophy.
Psychology.
Sociology.

and in the Faculty of Law.

THE DEGREE OF MASTER OF ARTS¹

(M.A.)

M.A. degrees are planned in:

Geography.
History.
Philosophical Studies.
Psychology.

¹ NOTE—At the time of going to press, final details of these degrees had not been settled. The regulations here printed are to be taken as substantially correct but fuller statements will appear in "The Graduate School" handbook and the University Regulations.

THE DEGREE OF MASTER OF LAWS (LL.M.)

Qualifications for Admission

Candidates entering for the LL.M. examination after the minimum course of one year must either have obtained First or Second Class Honours at a first degree of the University of London or an approved equivalent degree.

Course of Study

The course will extend over one academic year and the examination will take place once in each year in September.

Every candidate must submit a form of entry duly filled up, together with the appropriate fee, not later than 1 February. The subjects of the examination are as follows:

Jurisprudence and Legal Theory.
Company Law.
Constitutional Laws of the Commonwealth, I.
International Economic Law.
Law of International Institutions.
Legal History.
Mercantile Law.
Comparative Law of Contract in Roman and English Law.
Comparative Conflict of Laws.
Muhammadan Law.
Hindu Law.
Law of Landlord and Tenant.
Planning Law.
Administration Law and Local Government Law.
Criminology.
Air Law.
International Law of the Sea.
International Law of War and Neutrality.
Constitutional Laws of the Commonwealth, II
African Law.
Law of Mortgages and Charities.
Illegality and Restitution.
History of International Law.
Comparative Criminal Law and Procedure.
The Principles of Civil Litigation.
Law of Taxation with special reference to the taxation of income.
Law of Estate Planning.
Law of European Institutions.
Comparative European Law.
Monopoly, Competition and the Law.

There will be one paper in each subject. A candidate will be required to pass at one and the same examination in any four of the subjects.

THE ACADEMIC POSTGRADUATE DIPLOMA IN ANTHROPOLOGY

This diploma is awarded by the University of London and a full-time course of study is arranged by the School.

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

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.1.

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 Archaeology;
 - (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 years' 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: 640-55, 831, 833.

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

DATES OF EXAMINATIONS (INTERNAL STUDENTS)

1965-1966

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				
Entry closes	..	..	..	1 February 1966
Examination begins	..	..	..	9 June 1966
B.Sc. (Econ.) Final, Part II				
Entry closes	..	..	..	1 February 1966
Examination begins	..	..	..	18 May 1966
B.Sc. (Soc.)				
Entry closes	..	..	..	1 February 1966
Examination begins	..	..	..	9 June 1966
B.Sc. (Special) Anthropology				
Entry closes	..	..	..	15 February 1966
Examination begins	..	..	..	2 June 1966
B.Sc. (Special) Geography				
Entry closes	..	..	..	15 February 1966
Examination begins	..	..	..	2 June 1966
M.Sc. Econ. (Old Regulations) ¹				
December Examination				
Entry closes	..	..	..	15 September 1965
Examination begins	..	..	..	6 December 1965
May Examination				
Entry closes	..	..	..	1 February 1966
Examination begins	..	..	..	24 May 1966

¹ Entry forms should be obtained from the Graduate office.

LL.B. Intermediate (Special).				
Entry closes	..	..	..	25 March 1966
Examination begins	..	..	..	To be arranged
LL.B. Intermediate (General).				
Entry closes	..	..	..	29 August 1965
Examination begins	..	..	..	29 September 1965
LL.B. Final (Pass and Honours).				
Entry closes	..	..	..	1 February 1966
Examination begins	..	..	..	13 June 1966
LL.M. ¹				
Entry closes	..	..	..	1 February 1966
Examination begins	..	..	..	5 September 1966
B.A. Final.				
Entry closes	..	..	..	15 February 1966
Examination begins	..	..	..	2 June 1966
M.A. ¹				
December Examination				
Entry closes	..	..	..	15 September 1965
Examination begins	..	..	..	6 December 1965
May Examination				
Entry closes	..	..	..	1 February 1966
Examination begins	..	..	..	23 May 1966
Academic Postgraduate Diploma in Anthropology. ¹				
Entry closes	..	..	..	15 March 1966
Examination begins	..	..	..	27 June 1966

¹ Entry forms should be obtained from the Graduate office.

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 in Business Administration

The School offers to a limited number of selected graduates who intend taking up a business career a one-year programme in the main disciplines relevant to business. The course is open to both men and women. It is particularly suitable for those who have not previously studied economics and the other social sciences.

The course requires full-time study for the whole session, from October to July. The curriculum includes the study of economics with special reference to problems of business, the organisation of business enterprises and problems of business policy, the law relating to business, industrial relations, social aspects of management, finance, statistics, management mathematics and accounting.

The School does not award a diploma on the results of the programme but a certificate of due performance of courses will be given to those entitled.

For scheme of study see course Nos. 170-2, pp. 318-20.

Graduates who do not wish to follow the general course but are interested in specialising in one of the main areas of study relevant to business problems with a view to working for a master's degree or a doctorate should apply for particulars to the Secretary of the Graduate School, London School of Economics and Political Science.

For details of fees, see pages 150-1.

Candidates for admission to the course must make application on an official form. This should be filled in and returned as early as possible, and in any event not later than the first week in April. A form 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. Applicants are invited to submit a photograph of passport type. Candidates from American and Canadian Universities should send their most recent transcript of record; others should send a statement of the subjects taken in their degree examinations and the standard attained in each.

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 pages 318-9.)

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 Scientific Research Council. 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 course is academic and intellectual, rather than technical or vocational, in character. 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 on request.

Private students may apply for graduate bursaries described on p. 175.

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 10,700 non-governmental periodicals (of which 3,800 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 8,800 serials (of which 5,500 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 445,000 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 523-4. 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 820 readers; reading rooms devoted to particular subjects or classes of material contain open-shelf collections amounting to some 60,000 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 TEACHING LIBRARY occupies Room E5 and connected rooms in the East Building. Its stock of 15,000 volumes contains the more important books used by undergraduates and graduates taking courses, and there is also a short loan collection of periodicals and photocopies of articles, etc. In addition to lending books, this library is a place of study, and there is accommodation for some 150 readers. "Notes for readers", giving details of the Teaching Library services, may be obtained at the counter.

The SHAW LIBRARY (founded by Mrs. George Bernard Shaw) consists of general literature; it is housed in the Founders' Room on the fifth floor.

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 £5 a session.
 - 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 Thursdays 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 uncanceled.

(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 over 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 (micro-film, microcard, microprint).

THE ECONOMISTS' BOOKSHOP

The School owns jointly with the Economist Newspaper Limited The Economists' Bookshop, which was established in 1947 to provide a service to the staff, students and library of the School and, through its mail order trade, to the world community of social scientists. The Bookshop's Board of Directors is composed equally of representatives of the School and of the Economist Newspaper. The Bookshop has grown from its small beginnings to a considerable bookselling enterprise, and its development in recent years has been particularly rapid. In addition to its premises in Clare Market the Bookshop has a mail order department in Hampstead Road from which it serves the requirements of its mail order customers, who include many former students of the School and contribute approximately half the total revenue of the business. The Bookshop is unique in this country and maintains a stock of some 6,000 individual titles ranging far beyond standard textbooks. Its customers now include almost all the universities in Great Britain. In 1965 the Bookshop opened a second-hand department, which will increase and facilitate the flow of second-hand textbooks among the students and staff of the School.

STUDENT HEALTH SERVICE

Staff

- Dr. J. C. READ, M.R.C.S.(Eng.), L.R.C.P.(London), L.D.S., R.C.S.(Eng.): Psychiatric Adviser and Senior Health Service Officer.
Dr. H. N. LEVITT, L.M.S.S.A.(London), D.P.H., R.C.S.(Eng.): Health Service Officer (Part-time).
Dr. AGNES WILKINSON, M.B., Ch.B.(Birmingham), M.R.C.P.(London): Psychiatric Adviser (Part-time).
CHARLOTTE ALEXANDER, S.R.N.: School Nurse.

The facilities of the Health Service are available free of charge to all students of the School. Dr. Levitt holds a surgery at the School every afternoon during term time. Students who live within a radius of four miles of the School and north of the Thames may register with Dr. Levitt under the National Health Service. Those who live outside this area may consult Dr. Levitt at the School but they are advised to register with a general practitioner in their area so as to receive the full benefits of the National Health Service. Sister Alexander attends at the School daily during term time and part of the vacation for first-aid and the treatment of minor complaints.

Dr. Read is available both in term time and in the vacation to give psychiatric advice to students. He is assisted by Dr. Agnes Wilkinson who works part-time at the School. Appointments with Dr. Read and Dr. Wilkinson may be made by application to the secretary of the Health Service or to the Registry or directly by letter to the doctor concerned.

An oculist attends at the School once a week during term time for eye tests and appointments may be booked with Sister Alexander.

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. 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 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 oversea service of certain British banks offers a particularly interesting and financially attractive career.

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 210 and 211).

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 (Civil Service Commission).

P. Dunsheath, *The Graduate in Industry* (Hutchinson). Chaps. VI, VII, XII and XIII.

D. E. Wheatley, *Industry and Careers* (Iiffe Books Ltd.). Chaps. I, II, III.

A Career in Education for University Graduates (Department of Education and Science) (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 noticeboards.

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. Presidents:

BERNARD BRADEN

FRANK DICKENS

Hon. Vice-Presidents:

IRIS Z. CARE

R. CHAPMAN

Professor F. J. FISHER

AUDREY KIRBY

Executive Officers:

President W. A. EVANS

Deputy President G. SHAHEEN

Administrative Vice-President .. A. CARTWRIGHT

Academic Affairs Vice-President P. C. SLATER

External Affairs Vice-President D. L. ADELSTEIN

Social Vice-President M. S. CARDY

Welfare Vice-President R. M. FLATTS

General Secretary MARY S. EVANS

Senior Treasurer P. LAMB

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	P. GREENHALGH
Badminton	D. G. BENISON
Basketball	—
Boat (Men's)	J. G. S. HODGSON
Canoe	D. A. B. BATTRICK
Cricket	T. P. E. MACHIN
Fencing	R. BURT
Golf	R. F. DUDLEY-EVANS
Gliding	MADLINE L. GEDDES
Hockey (Men's)	T. MARSHALL
Hockey (Women's)	JANE D. COOK
Judo	N. MEDHURST
Mountaineering	T. NUTTALL
Netball	A. FIELDING
Riding	GWENDA M. MOSELEY
Rifle	—
Rugby Football	A. F. BALDWIN
Sailing	TRICIA C. KAY
Squash (Men's and Women's)	HAZEL O'HARE
Swimming and Water Polo ..	C. R. FRAME
Table Tennis	E. TAYLOR
Tennis (Men's)	P. NEWBOLD
Tennis (Women's)	MARY C. LEONARD
Weight-lifting	M. R. PERRY
Y.H.A.	KUNIGUNDE KAMINSKAS

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; the Riding Club goes to Wimbledon Common and the Canoe Club meets at Raven's Ait.

The Mountaineering and Y.H.A. Clubs have frequent meets in England and a few on the Continent.

Executive Officers:

President	K. W. HEWISON
Vice-Presidents	{ ELIZABETH A. WALTON D. HILL
General Secretary	M. J. BALL
Assistant General Secretary	A. J. DAVIES
Treasurer	C. J. PARKER

GRADUATE STUDENTS' ASSOCIATION

All students registered for a higher degree, or paying a research fee automatically become members of the Graduate Students' Association.

The Association is the social centre of the Graduate School, helping the graduate 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 graduate 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.

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, £177 15s. od., £166 10s. od. and £155 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 all rooms.

Application should be made to the Registrar at the School, if possible by the end of May. Applicants are selected for places towards the end of May each year, for the following October.

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 (£180 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 must be returned by 31 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 £180 per session of 30 weeks. Application forms may be obtained from the Warden, Professor D. M. Lang, and should be returned to him 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:—£6 os. od. (single room) and £5 10s. 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 31 May.

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: £171-£181 10s. od. (for breakfast and dinner, Monday to Friday, and full board at weekends).

COLLEGE HALL (Malet Street, W.C.1. Principal: Mrs. J. M. Witt, B.Sc.): 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: 180 guineas to 200 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: £171 (single) and £156 (for share of double). Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

Admission is usually at the beginning of a session, but there are occasional vacancies in the course of the academic year.

The application form should be sent to the Hall of first preference before the end of March for admission the following October. Please enclose a stamped addressed foolscap envelope with the completed form.

Residential Accommodation for Graduates

LONDON HOUSE

Mecklenburgh Square, W.C.1.

London House has accommodation for 350 postgraduate men 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.

WILLIAM GOODENOUGH HOUSE

(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.

FLATS FOR MARRIED GRADUATE STUDENTS

The School has 19 flatlets at 83 and 83a Anson Road and 73 Carleton Road, Tufnell Park, N.7 which are available for letting to married students of graduate status. The flats are self-contained and consist of either one room or two rooms, plus a kitchen and a bathroom. Rents at present vary between approximately four guineas and seven guineas per week, including a hire charge for furniture. Applications for flatlets, for which there is generally a waiting list, should be made to the Assistant to the Bursar at the School.

SPECIAL ASSOCIATIONS AND SOCIETIES

i. The London School of Economics Society

(Formerly Old Students' Association)

HONORARY OFFICERS AND COMMITTEE, 1964/65

<i>President</i>	.. .. .	DR. VERA ANSTEY.
<i>Vice-President</i>	.. .. .	MR. WALTER STERN.
<i>Representative of the London School of Economics Society on the Court of Governors</i>	.. .. .	W. H. B. CAREY, F.C.A.
<i>Secretary</i>	.. .. .	MRS. OLGA L. AIKIN.
<i>Entertainments Secretary</i>	.. .. .	MISS H. MARJORIE SIMPSON.
<i>Treasurer</i>	.. .. .	J. B. SELIER, F.C.A.
<i>Auditor</i>	.. .. .	K. A. POLLOCK, A.C.A.
<i>Committee Members</i>	.. .. .	{ THE OFFICERS and MISS ILSE T. BOAS, MRS. ALICE M. C. CARTER, W. F. CRICK, N. M. EKSERDJIAN, MISS JANE T. HENDERSON, J. V. HERRING, D. J. KINGSLEY, MRS. DIANA OLDERSHAW, P. J. C. PERRY, 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 membership. 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

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.

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 192-202 of the Calendar.
2. B.A./B.Sc. Sociology degree (revised regulations). The branch is indicated by I, II, or III and the examination paper by arabic numerals and letters of the alphabet. The relevant regulations are set out on pages 208-10 of the Calendar.

DEVELOPMENT ADMINISTRATION

DEVELOPMENT ADMINISTRATION

1. Introduction to Economic Analysis and Policy. Miss Nevitt. Sessional.

For Diploma in Development Administration. Optional for Diploma in Social Administration, Overseas Option only (First Year and One-Year).

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. 109.—The Economics of Poor Countries and of their Development.

No. 110.—Economic Planning in Developing Countries.

2. Governmental Aspects of Development (Class). Mr. Dawson. Sessional.

For Diploma in Development 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. 569.—British Government and Bureaucracy.

No. 574.—Local and Regional Government.

No. 575.—The Aims and Methods of Governmental Planning.

No. 583.—African Government and Politics.

No. 598.—Public Enterprise.

3. Constitutionalism in the New Commonwealth. Professor de Smith. Six lectures, Lent Term (beginning in fifth week).

For Diploma in Development Administration; B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign or Commonwealth Country*, VIII 8c (Second Year); 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.

Recommended reading.—S. A. de Smith, *The New Commonwealth and its Constitutions*; D. V. Cowen, *The Foundations of Freedom*; B. O. Nwabueze, *Constitutional Law of the Nigerian Republic*; H. E. Groves, *The Constitution of Malaysia*; 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*; D. P. Currie (Ed.), *Federalism and the New Nations of Africa*.

4. Social Structure in Developing Countries. Mrs. Hardiman. Fifteen lectures, Michaelmas and Lent Terms.

For Diploma in Development Administration.

Syllabus.—Scope and methods of sociology and social anthropology; the description and analysis of social institutions; industrialisation and urbanisation as processes of social change; population growth and distribution; social control.

Recommended reading.—R. Firth, *Human Types*; T. B. Bottomore, *Sociology*; L. P. Mair, *New Nations*; J. Beattie, *Other Cultures*; E. H. Spicer, *Human Problems in Technological Change*; E. Durkheim, *The Division of Labour in Society*; W. E. Moore, *Social Change*; W. E. Moore, *Economy and Society*; R. Bendix and S. M. Lipset, *Class, Status and Power*; I. Schapera, *Studies in Kinship and Marriage*; B. Malinowski, *Crime and Custom in Savage Society*; T. S. Epstein, *Economic Development and Social Change in South India*.

5. Social Policy. Mrs. Hardiman and others. Ten lectures, Lent and Summer Terms.

For Diploma in Development Administration.

Syllabus.—The emergence of social problems; concepts of social need and measurements of standards of living; the determination and development of social policy and legislation; forms of social provision in the fields of education, health, housing, social security, family welfare, working conditions and industrial relations; the development of social administration.

Recommended reading.—U.N., *Report on the World Social Situation (1957, 1961 and 1963)*; U.N., *Processes and Problems of Industrialisation in Underdeveloped Countries (1955)*; J. A. Ponsioen (Ed.), *Social Welfare Policy*; R. Firth and B. S. Yamey (Eds.), *Capital, Saving and Credit in Peasant Societies*; P. Marris, *Family and Social Change in an African City*; R. M. Titmuss and B. Abel-Smith, *Social Policies and Population Growth in Mauritius*; M. Colbourne, *Planning for Health*; V. L. Griffiths, *Educational Planning*; UNESCO, *Social Implications of Industrialisation and Urbanisation in Africa South of the Sahara (1956)*.

The following are relevant to the two preceding courses. Students will discuss with their tutor which of these and other suitable courses they will attend:—

- No. 640.—Introduction to Social Anthropology.
- No. 655.—Social Implications of Technological Change.
- 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. 834.—Elements of Social Structure.
- No. 837.—Comparative Social Institutions.
- No. 946.—Survey Methods in Social Investigation.

6. Bureaucracy and Development. Mr. Dawson. Eight lectures, Lent Term.

For Diploma in Development Administration and M.Sc.—Politics.

Syllabus.—The evolution of bureaucratic organisation in developing countries and its relation to political, economic and social conditions.

A reading list will be provided at the beginning of the course.

7. Administrative Problems of Development (Seminar).

A seminar will be held by the tutors for students of the course in Development 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 transplantation 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. 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, incl. Overseas Option (First Year); Diploma in Social Administration, Overseas Option only (One-Year); Diploma in Personnel Management; Overseas Service Officers.

Classes will also be arranged.

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. Professor Day (day); Dr. 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), Branch I, 6 and Branch II, 4 (First Year).

Classes will also be arranged.

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*.

Reference may also be made to: A. A. Alchian and W. R. Allen, *University Economics*; A. K. Cairncross, *Introduction to Economics*; J. R. Hicks, *The Social Framework*.

Further reading on particular topics will be given as the course proceeds.

10. Economics. Mr. Alford and Professor Devons (day), Mr. Bell and Professor Yamey (evening), thirty lectures, Sessional. Professor Phelps Brown (day), Mr. Klappholz (evening), ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Economics*, VI 1; VII 1; VIII 1; IX 1; XII 1; XIII 1; XIV 1; XV 1; XVI 1 (sections (a) and (b) Second Year; section (c) Third Year); B.A./B.Sc. (Sociology), Branch I, 6 and Branch II, 4 (section (b) First Year; sections (a) and (c) Second Year); Economics as a subsidiary subject (all sections Second Year); Diploma in Social Administration (Second Year) (section (c) only).

Classes will also be arranged.

Syllabus.—The workings of contemporary economics (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. Alford or Mr. Bell. 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 or Mr. Klappholz. 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 Nos. 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 and Problems of Applied Economics.

Dr. Needleman will be in charge of arrangements for these courses.

DAY:

(a) **Micro-Economic Theory.** Mr. Gould. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1a; B.A. Honours in Philosophy and Economics (Second Year).

Recommended reading.—G. J. Stigler, *The Theory of Price*; W. J. Baumol, *Economic Theory and Operations Analysis*.

(b) **Problems in the Application of Micro-Economics.** Mr. Joy and Dr. Needleman. Ten lectures, Lent and Summer Terms (beginning in the sixth week of the Lent Term).

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; III 5; V 5a; B.A. Honours in Philosophy and Economics (Second Year).

Recommended reading.—E. H. Phelps Brown and J. Wiseman, *A Course in Applied Economics*.

(c) **Quantitative Methods in Economics.** Lecturer to be announced. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1a; B.A. Honours in Philosophy and Economics (Second Year).

Recommended reading.—G. Tintner, *Mathematics and Statistics for Economists*.

(d) **Introductory Macro-Economics.** Mr. Henry. Ten lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1a; B.A. Honours in Philosophy and Economics (Second Year).

Recommended reading.—T. F. Dernburg and D. M. McDougall, *Macro-Economics*; F. S. Brooman, *Macroeconomics*.

(e) **Applied Macro-Economics.** Dr. Needleman. Fifteen lectures, Lent and Summer Terms (beginning in the sixth week of the Lent Term).

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; III 5; V 5a; B.A. Honours in Philosophy and Economics (Second Year).

Recommended reading.—J. C. R. Dow, *The Management of the British Economy*, 1945–60.

(f) **Economic Analysis and Economic Policy.** Professor Devons. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; III 5; V 5a; B.A. Honours in Philosophy and Economics (Third Year).

EVENING:

(g) **Economic Principles.** Dr. Makower. Twenty-five combined lectures and classes, Sessional.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1a (Third Year).

Recommended reading.—As for sections (a), (c) and (d) above.

(h) **Problems of Applied Economics.** Lecturer to be announced. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; III 5; V 5a (Fourth Year).

Recommended reading.—As for sections (b) and (e) above.

Classes will be arranged in connection with sections (a) to (f).

A detailed guide to further reading for all sections will be given at the beginning of the course.

12. **Economic Principles.** Lord Robbins. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1a (Second Year); B.A. Honours in Philosophy and Economics (Second Year); graduate students.

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*; T. F. Dernburg and D. M. McDougall, *Macro-Economics*; D. H. Robertson, *Lectures on Economic Principles*; I. Fisher, *The Theory of Interest*.

13. **The History of Economic Thought.** Lord Robbins. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*History of Economic Thought*, I 8c; III 8a; IV 8e; VIII 3d (Third Year); graduate students. Optional for B.A. Honours in Philosophy and Economics (Third Year).

Classes will also be arranged.

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*; H. W. Spiegel (Ed.), *The Development of Economic Thought*; M. Blaug, *Economic Theory in Retrospect*; Tucker, *Progress and Profits in British Economic Thought, 1650-1850*; E. Cannan, *A Review of Economic Theory*; E. A. Johnson, *Predecessors of Adam Smith*; Letwin, *The Origins of Scientific Economics*; Vickers, *Studies in the Theory of Money, 1690-1776*; Meek, *The Economics of Physiocracy*; 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*; Fetter, *The Development of British Monetary Orthodoxy, 1797-1875*; L. C. Robbins, *The Theory of Economic Policy in English Classical Political Economy; Robert Torrens and the Evolution of Classical Economics*; T. W. Hutchison, *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.

14. The Development of Economic Analysis. Dr. Blaug. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Development of Economic Analysis*, I 7; II 3c (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*; T. W. Hutchison, *A Review of Economic Doctrines, 1870-1929*; 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.

15. Introduction to a Mathematical Treatment of Economics. Mr. Gregory. Ten lectures, Michaelmas Term.

Optional for B.Sc. (Econ.) Part II—*Economic Principles*, I 4; III 4; IV 1; V 4 (Second Year); B.A. Honours in Philosophy and Economics (Second Year).

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 16 and 17 will be taking either Mathematics A or Mathematics B.

16. Economics Treated Mathematically.

For B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8d; II 7; IV 8d; V 2f; X 1b; XI 1b.

(a) Micro-Economic Theory. Mr. Kuska. Lent and Summer Terms for second-year students.

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. Michaelmas and Lent Terms for third-year students.

Syllabus.—Theory of income determination. Simple growth and trade cycle models.

Recommended reading.—T. F. Dernburg and D. M. McDougall, *Macro-Economics*; 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.

17. Economics Treated Mathematically (Classes). Classes will be held in connection with Course No. 16.

18. Econometrics. Professor Phillips and others. Twenty lectures and twenty-two classes, Sessional.

For B.Sc. (Econ.) Part II—*Econometrics*, II 8; X 6 and 7c (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.

19. 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.

20. 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.

21. 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*, IV 5; V 5b. Classes will also be arranged.

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.

22. Economics of Public Enterprise. Mr. Foldes. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—special subject of Industry and Trade (Second and Third Years); optional for B.Sc. (Econ.) Part II—*Industry and Trade*, V 5b; *Business Administration*, V 2b (Second and Third Years).

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*; *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); R. J. S. Baker, *The Management of Capital Projects*. (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); *The Second Nuclear Power Programme* (Cmnd. 2335, 1964); *Railway Reorganisation Scheme* (Cmd. 9191, 1954); *Reorganisation of the Nationalised Transport Undertakings* (Cmnd. 1248, 1960); British Railways Board, *The Reshaping of British Railways* (1963); *Report of the Committee of Inquiry into London Transport*, 1955; *Reports of the Iron and Steel Board*; D. Burn, *The Steel Industry*, 1939–59; White Paper on Steel Nationalisation (Cmnd. 2651, 1965); *The Status of the Post Office* (Cmnd. 989, 1960); J. Hirschleifer and others, *Water*; R. E. Caves, *Air Transport and its Regulators*; S. F. Wheatcroft, *Air Transport Policy*; J. R. Sargent, *British Transport Policy*; K. M. Gwilliam, *Transport and Public 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*; K. J. Arrow, "Uncertainty and the Economics of Medical Care" (*The American Economic Review*, 1963).

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*.

23. Business Administration: The Organisation of Business Enterprises and Problems of Business Policy. Mr. Foldes and Mr. Gould. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Business Administration*, IV 4; V 2b (Second and Third Years); Diploma in Personnel Management.

Syllabus.—The lectures will include the following topics:

(a) Theory of Decisions: the structure of decision problems. Linear problems. Uncertainty and time. Criteria for investment. Stock control. Layout. Critical paths. Location. Special pricing systems. Hire or buy.

(b) Theory of Organisations: Conflict and co-operation. Theory of games. The aims of capitalists, managers and workers. The aims of organisations. Division of labour, delegation, authority and communication. Review of particular administrative techniques, including administration charts, standard systems of organisation, budgets, accounts, internal pricing systems. Recruitment, promotion, training and retirement systems. Predictive models of administrative action.

Recommended reading.—Background reading: J. Johnston, "Decision Theory" (*Progress*, Spring 1963); H. A. Simon, *The New Science of Management Decision*; F. C. Hooper, *Management Survey*.

Main texts: For part (a) of the course students should read at least a substantial part of one of the standard works on decision problems, operations research, etc. For example: W. Baumol, *Economic Analysis and Operations Research*, A. S. Maune, *Economic Analysis for Business Decisions* or (for students with a good mathematical background) P. Massé, *Optimal Investment Decisions*.

For part (b) R. Cyert and J. G. March, *A Behavioral Theory of the Firm*, is essential. A selection from the literature is presented in A. H. Rubenstein and C. J. Haberstroh (Eds.), *Some Theories of Organisation*. It is useful to read these works before attending the lectures.

Further references will be given during the course.

24. Labour: Organisation and Relations. Professor Phelps Brown. Twenty lectures and twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, III 6.

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 of 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* (2nd edn.); 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*; A. Flanders, *Industrial Relations: What is Wrong with the System?*; H. A. Clegg, A. Fox and A. F. Thompson, *A History of British Trade Unions since 1889* (Vol. I, chaps. 1–5 and 12); A. Rees, *The Economics of Trade Unions*; 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.); 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*; F. J. Bayliss, *British Wages Councils*; K. F. Walker, *Industrial Relations in Australia*; F. W. Taylor, *The Principles of Scientific Management*; G. Friedmann, *Industrial Society*; 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*; E. Jaques, *The Changing Culture of a Factory*; J. A. Banks, *Industrial Participation*; 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).

25. The Economics of the Labour Market. Professor Phelps Brown. Ten lectures, Lent Term.

For Diploma in Personnel Management; Diploma in Social Administration (First Year).

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*.

26. Business Finance: Financial Institutions. Lecturer to be announced. Nine lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Business Finance*, IV 8c (Third Year).
Classes will also be arranged.

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 will be given during the course.

27. Financing Problems of Business. Lecturer to be announced. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Business Finance*, IV 8c (Third Year); Diploma in Operational Research. 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.

28. The Economics of Public Finance. Professor Peston, Dr. Byatt and Mr. Harris. Ten lectures, Lent Term (Second Year) and ten lectures, Michaelmas Term (Third Year).

For B.Sc. (Econ.) Part II—*Public Finance*, I 3d or 8e; III 3j or 8d.
Classes will also be arranged.

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 analytically and in relation to British institutions and current problems.

Introductory reading.—O. Eckstein, *Public Finance*; A. R. Prest, *Public Finance in Theory and Practice*; E. Rolph and G. Break, *Public Finance*; J. C. R. Dow, *The Management of the British Economy, 1945-60*.

A detailed **reading list** will be provided at the beginning of the course.

29. Economic Aspects of British Social Services. Professor Peston and Dr. Byatt. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Public Finance*, I 3d or 8e; III 3j or 8d (Second or Third Year); Diploma in Social Administration (Second Year); graduate students in public finance and related subjects.

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.

A detailed **reading list** will be provided at the beginning of the course.

30. The Economics of Education. Professor Peston and Dr. Blaug. Six lectures, Lent Term. This course will deal with the main approaches to determining the economic impact of education.

A detailed **reading list** will be provided at the beginning of the course.

FOR GRADUATE STUDENTS

Note: Courses designed primarily for the M.Sc. degree taken by examination in the field of Economics are listed in a pamphlet to be published by the Department of Economics.

Other Graduate Courses

48. Topics in Welfare Economics. Dr. Mishan. Six lectures, Michaelmas Term. Optional for graduate students.

49. Elements of Games Theory. Dr. Morton. Five lectures, Summer Term. Optional for graduate students.

50. Econometrics Seminar. Professor Phillips and Professor Sargan. This seminar will be held throughout the session. Admission will be by permission of Professor Phillips or Professor Sargan.

51. **Mathematical Economics Seminar.** Dr. Morton. A seminar will be held throughout the session for graduates in Economics and others interested. Admission by permission of Dr. Morton.
52. **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.
53. **The Economics of Education.** Professor Moser, Professor 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 Professor Peston or Dr. Blaug.
54. **Finance Seminar.** A seminar for graduate students of Public Finance, Business Finance and related subjects will be held fortnightly during the Michaelmas and Lent Terms and admission will be by permission.
55. **Labour Economics.** Professor Phelps Brown and Mr. Crossley. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—Economics, *Labour Economics*; Industrial Relations, *Labour Economics* and other graduate students.

Syllabus.—FIRST TEN LECTURES (Professor Phelps Brown). The movements of the general level of money wages in the course of history. Reasons for phases of stability and of rapid rise and for the cumulative rise over time.

Fluctuations of different periods. Typical movement of money wage-rates in the course of the trade cycle.

The effects of trade unions on the movements of the general level of money rates of pay. Analysis of the causes and effects of the rise of money rates of pay under full employment.

The movements of the general level of real pay in the course of history: their association with movements in productivity.

Types of theory of the share of labour in the national product: classical and Marxian systems; marginal productivity; theories based on pricing decisions; theories based on investment and savings in the developing economy.

The distribution of the national product in the course of economic growth; effects of technical innovation and of the accumulation of capital on the share of labour.

SECOND TEN LECTURES (Mr. Crossley). The size and composition of the labour force. Hours of work. Labour mobility. The structure of employment at different stages of economic growth.

The analysis of the demand for and supply of labour in particular employments. Factors affecting elasticities. Managerial decisions.

Competition and monopoly in labour markets. Bilateral monopoly.

Evidence concerning the effects of trade unions on relative rates of pay. The analysis of collective bargaining; monopoly power and bargaining power of combinations of employers and of employees; theory of bargaining.

The pay structure. The allocative function of differentials and of changes in differentials, between industries and between occupations. The mobility of labour. Conventional and administrative influences on differentials. The course of change in differentials at different stages of economic growth.

The administration of pay. Minimum wage regulation. The principle of fair comparison. Job evaluation.

Recommended reading.—E. H. Phelps Brown and S. V. Hopkins, "Seven Centuries of Building Wages" (*Economica*, Aug., 1955); "Seven Centuries of the Prices of Consumables, Compared with Builders' Wage-rates" (*Economica*, Nov., 1956); "Wage-rates and Prices: Evidence for Population Pressure in the 16th Century" (*Economica*, Nov., 1957); A. W. Phillips, "The Relation Between Unemployment and the Rate of Change of Money Wage Rates in the U.K., 1861-1957" (*Economica*, Nov., 1958); U.K. Council on Prices, Productivity and Incomes, *First Report*, 1958, *Fourth Report*, 1961; L. A. Dicks-Mireaux and J. C. R. Dow, "The Determinants of Wage Inflation, U.K. 1946-56" (*Journal of the Royal Statistical Society* (A), 2, 1959); J. M. Clark, *The Wage-Price Problem*; A. M. Cartter, *Theory of Wages and Employment*; D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Pt. II; E. H. Phelps Brown and P. E. Hart, "The Share of Wages in National Income" (*Economic Journal*, June, 1952); R. M. Solow, "A Skeptical Note on the Constancy of Relative Shares" (*The American Economic Review*, Sept., 1958); P. H. Douglas, "Are there Laws of Production?" (*The American Economic Review*, March, 1948); E. H. Phelps Brown, "The Meaning of the Fitted Cobb-Douglas Function" (*Quarterly Journal of Economics*, Nov., 1957); N. Kaldor, "Alternative Theories of Distribution" (*Review of Economic Studies*, March, 1956); N. Kaldor, "A Model of Economic Growth" (*Economic Journal*, Dec., 1957); D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Pt. I; National Bureau of Economic Research, *Aspects of Labor Economics*; B. F. Wootton, *The Social Foundations of Wage Policy*; L. G. Reynolds and C. Taft, *The Evolution of Wage Structure*; H. M. Dooty, "Some Effects of the \$1 Minimum Wage in the U.S." (*Economica*, May 1960); H. A. Turner, "Trade Unions, Differentials and the Levelling of Wages" (*Manchester School*, Sept., 1952); R. Livernash, "The Internal Wage Structure" in G. W. Taylor and F. C. Pierson (Eds.), *New Concepts in Wage Determination*; W. H. Sales and J. L. Davis, "Introducing a New Wage Structure into Coal Mining" (*Oxford University Institute of Statistics Bulletin*, Aug., 1957); S. W. Lerner and J. Marquand, "Workshop Bargaining, Wage Drift and Productivity in the British Engineering Industry" (*Manchester School*, Jan., 1962); E. H. Phelps Brown, "Wage Drift" (*Economica*, Nov., 1962); L. G. Reynolds, *The Structure of Labor Markets*; G. P. Shultz, "Recent Research on Labor Mobility" in *Industrial Relations Research Association, Proceedings of the Fourth Annual Meeting*; W. B. Reddaway, "Wage Flexibility and the Distribution of Labour" (*Lloyds Bank Review*, Oct. 1959); C. D. Long, *The Labor Force under Changing Income and Employment*; D. Cullen, "Interindustry Wage Structure" (*The American Economic Review*, June, 1956); A. M. Ross and W. Goldner, "Forces Affecting the Interindustry Wage Structure" (*Quarterly Journal of Economics*, May, 1950); H. M. Levinson, "Unionism, Wage Trends and Income Distribution" (*University of Michigan, Business Studies*, Vol. 10, No. 4); M. W. Reder, "The Theory of Union Wage Policy" (*Review of Economics and Statistics*, 34, 1, Feb., 1952); A. Rees, *The Economics of Trade Unions*; H. Gregg Lewis, *Unionism and Relative Wages in the United States*; T. C. Schelling, "An Essay on Bargaining" (*The American Economic Review*, June, 1956); "Principles of Pay" in *Report of Royal Commission on the Civil Service, 1953-55* (chap. IV, Cmd. 9613 of 1955); H. M. Levinson, "Post-War Movement of Prices and Wages in Manufacturing Industries" (*U.S.A. 86th Congress, Joint Economic Committee, Study Paper No. 21*, 1960).

56. **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.

57. **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.

58. **Agricultural Economics.** Mr. Joy. Twenty lectures and twenty classes, Sessional.

See also Courses Nos. 59, 117 and 118.

Syllabus.—Economic analysis and research method in agriculture with special reference to decision making at farm and national levels.

Recommended reading.—PRODUCTION ECONOMICS: E. L. Baum, E. O. Heady et al. (Eds.), *Economic and Technical Analysis of Fertilizer Innovations and Resource Use*; R. Dorfman, P. A. Samuelson and R. Solow, *Linear Programming and Economic Analysis*; E. O. Heady and W. V. Candler, *Linear Programming Methods*; E. O. Heady and J. L. Dillon, *Agricultural Production Functions*; IBM European Education Centre, *Symposium on Modern Tools and Methods in Farm Economics*; K. Rasmussen, *Production Function Analyses of British and Irish Farm Accounts*; U. Renborg, *Studies on the Planning Environment of the Agricultural Firm*; W. Y. Yang, *Methods of Farm Management Investigations*.

SUPPLY ANALYSIS: E. O. Heady, C. B. Baker et al. (Eds.), *Agricultural Supply—Functions—Estimating Techniques and Interpretation*; M. Nerlove, *The Dynamics of Supply*; R. H. Day, *Recursive Programming and Production Response*.

The above books are some of the standard readings on analytical techniques. Many of the applied studies in this field appear in articles, bulletins and theses and references to these will be given during the course.

59. **Mathematical Programming in Agriculture.** Mr. Joy and others. Eighteen lectures and eighteen classes, Michaelmas and Lent Terms.

(See also Course No. 970 or 987).

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 classwork 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.

60. **Public Sector Economics.** Professor Peston, Dr. Byatt and Mr. Harris. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. and other graduate students.

61. **Public Sector Economics (Seminar).** Professor Peston will hold a seminar throughout the session. Admission will be by permission of Professor Peston.

II. MONETARY ECONOMICS

81. **English Monetary History since 1914.** Dr. Pressnell. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, III 7 (Third Year). Suitable 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*; H. Clay, *Lord Norman*; L. V. Chandler, *Benjamin Strong*; J. C. R. Dow, *The Management of the British Economy, 1945-60*.

82. **U.S.A. Monetary Institutions since 1914.** Professor Sayers. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, III 7 (Third Year). Suitable for graduate students.

83. **International Monetary Experience.** Professor Day and Dr. Pressnell. Ten lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—*Monetary Institutions*, III 7 (Third Year). Suitable 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. Monetary Management. Dr. Pressnell. Ten Lectures, Michaelmas Term

For graduate students.

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) (Cmnd. 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 hours, Summer Term (Second Year) and ten hours, Michaelmas Term (Third Year).

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8a; III 6. 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) (Cmnd. 827, 1959); *Bank of England Quarterly Bulletin*, current numbers. Other references will be given as the course proceeds.

86. Theory of International Monetary Economics. Professor Day. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8a; III 6 (Third Year).

87. Monetary Economics (Seminar). Professor Sayers, Dr. Pressnell and Mr. Alford will hold a seminar for B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8a; III 6 (Third Year), for one-and-a-half hours fortnightly in the Michaelmas Term and weekly in the Lent Term.

88. Advanced Monetary Economics (Seminar). Professor Sayers and Professor Day will hold a seminar for selected graduate students throughout the session. Admission will be strictly by permission of

Professor Sayers or Professor Day to whom written applications must be addressed.

89. 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 8a; III 6 (Third Year).

90. International Monetary Economics (Class). A series of ten classes of one hour each will be held in the Lent Term in connection with Course No. 86.

91. Statistical Testing in Monetary Economics. Mr. Alford, Miss Chick and Mr. J. J. Thomas will hold a seminar throughout the Session. It will be restricted to post-M.Sc. students working in this field. Applications for admission should be addressed to Mr. Alford or Mr. J. J. Thomas.

III. 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 8b; III 8b. The first five lectures in Summer Term are also for *Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 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, Michaelmas 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 and Mr. O'Hagan. Ten 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 pure theory of international trade; the role of factor endowments; the theory of tariffs; the theory of customs unions; international transfer payments; commercial policies and instruments of trade control; state trading; trade and development.

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); T. M. Rybczynski, "Factor Endowment and Relative Commodity Prices" (*Economica*, Nov. 1955); 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*.

106. General Equilibrium in Trade and Growth. Professor Jones (Rochester). Five lectures, Lent Term.

Syllabus.—The application of simple one and two-sector models of general equilibrium to the theory of exchange, the theory of production, and the neo-classical theory of economic growth.

Recommended reading.—M. C. Kemp, *The Pure Theory of International Trade*; K. Amano, "Determinants of Comparative Costs: A Theoretical Approach" (*Oxford Economic Papers*, Nov. 1964); F. M. Bator, "The Simple Analytics of Welfare Maximization" (*The American Economic Review*, March 1957); R. A. Mundell, "The Pure Theory of International Trade" (*The American Economic Review*, March 1960); H. Uzawa, "On a Two-Sector Model of Economic Growth" (*Review of Economic Studies*, Oct. 1961 and June 1963); J. E. Meade, *A Neo-Classical Theory of Economic Growth*; E. M. Drandakis, "Factor Substitution in the Two-Sector Growth Model" (*Review of Economic Studies*, Oct. 1963); A. Takayama, "On a Two-Sector Model of Economic Growth: A Comparative Statics Analysis" (*Review of Economic Studies*, June 1963).

107. 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 Professor Devons.

108. Seminar in International Economics. (a) Mr. Shaffer will hold a weekly seminar throughout the session for first-year M.Sc. students. (b) Mr. Steuer and Mr. J. J. Thomas will hold a weekly seminar throughout the session for second-year M.Sc. students.

109. 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*; H. Myint, *The Economics of Developing Countries*.

Further references will be given during the lectures.

110. Economic Planning in Developing Countries. Mr. Cassen and Mr. Joy. Eighteen lectures and eighteen classes, 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 aspects 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. G. M. Meier, *Leading Issues in Development Economics* is recommended for preliminary reading.

111. 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. 109. 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.

112. Soviet Economic Structure. Professor Wiles and Dr. Zauberman. Thirty lectures, Michaelmas and Lent Terms.

Also suitable for undergraduates.

Recommended Reading.—A. Bergson, *The Economics of Soviet Planning*; G. Grossman (Ed.), *Value and Plan*; D. Granick, *Management of the Industrial Firm in the U.S.S.R.*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; N. Jasny, *Essays on the Soviet Economy*; R. D. Laird (Ed.), *Soviet Agricultural and Peasant Affairs*; A. Nove, *The Soviet Economy*; N. Spulber, *The Soviet Economy*; P. J. D. Wiles, *Political Economy of Communism*; P. J. D. Wiles, "The Theory of International Comparisons" in J. Degras and A. Nove (Eds.), *Soviet Planning*.

Further reading will be recommended during the course.

113. The Development of Soviet Planning Instruments and Techniques. Dr. Zauberman. Ten lectures, Lent and Summer Terms.

Also suitable for undergraduates.

Syllabus.—The course will deal with the development of Soviet planning instruments and techniques since the nineteen-twenties with special reference to the use of mathematics and econometrics in planning. Special attention will also be paid to recent developments in Soviet economic theory in this field.

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" (*The 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, "Two-level Planning" (*Econometrica*, Jan. 1965); T. Kronsjo, "Iterative Pricing for Planning Foreign Trade" (*Economics of Planning*, No. 1, 1963); O. Lukács 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" (*The American Economic Review*, March 1963); A. Nove and A. Zauberman (Eds.), *Studies on the Theory of Reproduction and Prices*; A. Zauberman, "The Criterion of Efficiency of Foreign Trade in Soviet-Type Economies" (*Economica*, Feb. 1964).

114. Economic Problems of the Communist World. Professor Wiles and Dr. Zauberman will hold a weekly seminar throughout the session. Admission will be by permission of Professor Wiles or Dr. Zauberman.

115. Latin American Economic Development. Mr. Díaz-Rey. Nine lectures, Michaelmas Term at University College.

Syllabus.—This course will be an analytical treatment of the process of economic development in Latin America.

Recommended reading.—G. Ranis and J. C. H. Fei, "A Theory of Economic Development" (*The American Economic Review*, Sept. 1961); A. P. Thorne, "Sector Income Accounting and Analysis for Latin American and Caribbean Economies: More Appropriate Equations" (*Review of Economics and Statistics*, Nov. 1962); A. Lauterbach, "Managerial Attitudes and Economic Development" (*Kyklos*, Vol. 15, 1962); I. Adelman, "An Econometric Analysis of Population Growth" (*The American Economic Review*, June 1963); H. B. Chenery, "Patterns of Industrial Growth" (*The American Economic Review*, Sept.

1960); R. L. Allen, "Integration in Less Developed Areas" (*Kyklos*, Vol. 14, 1961); B. Balassa, "The Capital Needs of the Developing Countries" (*Kyklos*, Fasc. 2, 1964); R. I. Mckinnon, "Foreign Exchange Constraints in Economic Development and Efficient Aid Allocation" (*Economic Journal*, June 1964); D. Seers, "A Theory of Inflation and Growth in Underdeveloped Economies Based on the Experience of Latin America" (*Oxford Economic Papers*, June 1962); G. S. Dorrance, "The Effect of Inflation on Economic Development" (International Monetary Fund, *Staff Papers*, March 1963); M. A. Rahman, "Regional Allocation of Investment: an Aggregative Study in the Theory of Development Programming" (*Quarterly Journal of Economics*, Feb. 1963); J. C. H. Fei and G. Ranis, "Innovation, Capital Accumulation and Economic Development" (*The American Economic Review*, June 1963); R. B. Sutcliffe, "Balanced and Unbalanced Growth" (*Quarterly Journal of Economics*, Nov. 1964); H. B. Chenery, "Comparative Advantage and Development Policy" (*The American Economic Review*, March 1961); W. Baer and I. Kerstenetsky, "Import Substitution and Industrialization in Brazil" (*The American Economic Review*, Papers and Proceedings, May 1964); M. J. Flanders, "Prebisch on Protectionism: an Evaluation" (*Economic Journal*, June 1964); K. J. Arrow et al., "Capital-labour Substitution and Economic Efficiency" (*Review of Economics and Statistics*, Aug. 1961).

Further reading will be recommended during the course.

116. 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.

117. Agricultural Economics—Aspects of Policy in Developed and Underdeveloped Countries (Seminar). Mr. Joy. Lent and Summer Terms.

118. Agricultural Economics—Theory and Research (Seminar). Mr. Joy. Sessional (beginning in the first week in November).

119. Seminar on Economic Problems of the Middle East. Professor 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 Professor Penrose or Mr. O'Brien.

120. Economics and Politics of the International Petroleum Industry. Professor 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. Admission will be by permission of Professor Penrose or Dr. Odell.

121. 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.

- 122. The Economic Problems of South Asia.** Mr. Byres will hold a fortnightly seminar at the School of Oriental and African Studies dealing with the economic problems and development of India and Pakistan.

IV. ACCOUNTING

- 133. Accounting I.** Professor Edey. Nine lectures and nine classes (two hours per week), Michaelmas Term. (This course will be given in the day and in the evening in the session 1965-66.)

For B.Sc. (Econ.) Part II (Second year)—*Accounting*, V 7 and 8; *Economic Statistics and Business Accounts*, IV 3; V 3; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 8a; XI 6 and 7a; *Data Processing including Elements of Accounting*, XI 6 and 7b.

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*, chaps. 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 II.** Professor Edey and Mr. Bird. Eleven lectures and sixteen classes, Lent and Summer Terms. (This course will be given in the day and in the evening in the session 1965-66.)

For B.Sc. (Econ.) Part II (Second Year)—*Accounting*, V 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 8a; XI 6 and 7a.

Note. Accounting I (Course No. 133) is a prerequisite for Accounting II.

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 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; F. W. Paish, *Business Finance*. 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: Data Processing.** Mr. Flower. Twenty lectures with classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (Second Year)—*Accounting*, V 7 and 8.

Note. Accounting I (Course No. 133) is a prerequisite for Accounting: Data Processing.

Syllabus.—Data processing and accounting systems. Further work on double-entry book-keeping. Information requirements of businesses. Manual methods of accounting. Mechanized and punched card accounting systems. Introduction to electronic digital computers and programming. Applications of computers to accounting systems, with practical examples.

Recommended reading.—H. Bierman, *Financial and Managerial Accounting*; J. M. Sandford Smith, *Punched Cards*; T. W. McRae, *Introduction to Business Computer Programming*; T. W. McRae, *The Impact of Computers on Accounting*; R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*; F. P. Brooks and K. E. Iverson, *Automatic Data Processing*; M. J. Gordon and G. Shillinglaw, *Accounting, A Management Approach*.

- 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*, V 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 8a; XI 6 and 7a.

Note. Accounting II (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*, V 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. It will include a three-day residential course.

- 140. Accounting Problems (Third Year).** 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. It will include a three-day residential course.

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 for Non-Specialists (Revision).** Mr. Bird. Five lectures, Lent Term.
For B.Sc. (Econ.) Part II (Third Year)—*Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 8a; XI 6 and 7a; *Economic Statistics and Business Accounts*, IV 3; *Data Processing including Elements of Accounting*, XI 6 and 7b.

For Graduate Students

144. **Graduate Seminar in Accounting and Finance.** Professor Baxter, Professor Edey and others. Lent Term.
For M.Sc.—Accounting. Admission will be by permission of Professor Edey.
145. **Valuation (Seminar).** Professor Baxter. Lent Term.
For M.Sc.—Accounting.
146. **Income (Seminar).** Mr. Bird. Michaelmas Term.
For M.Sc.—Accounting.
147. **Capital Budgeting (Seminar).** Mr. Carsberg. Michaelmas Term.
For M.Sc.—Accounting.
148. **Cost Analysis (Seminar).** Professor Edey. Michaelmas Term.
For M.Sc.—Accounting.
149. **Finance (Seminar).** Mr. Rose. Michaelmas Term.
For M.Sc.—Accounting.
150. **Accounting Systems and Data Processing.** Mr. Flower. Fifteen lectures and classes, Lent and Summer Terms.
For M.Sc.—Accounting.

151. **Introduction to Accounting for Non-Specialists.** Professor Edey and Mr. Carsberg. Thirty lectures, Michaelmas and Lent Terms.
For M.Sc.—Operational Research; Diploma in Operational Research; One-Year Graduate Course in Business Administration.
152. **Electronic Computers.** Mr. Flower. Six lectures, Summer Term.
For M.Sc.—Operational Research; Diploma in Operational Research; One-Year Graduate Course in Business Administration.

V. TRANSPORT

160. **Economics of Transport.** Dr. Beesley. Five lectures, Summer Term.
For B.Sc. (Econ.) Part II—*Economics of Transport*, XV 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.
161. **Economics and History of Transport.** Dr. Beesley. Fifteen lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*Economics of Transport*, XV 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 course will be concerned principally with major current problems in transport: the justification and control of investment in road and rail; the withdrawal of services; the pricing of transport services; the licensing of road transport; the regulation and pricing of air services; the relation of transport to congestion and land use; planning for transport in developing countries. Particular attention will be given to recent developments in applying economic analysis to these problems.
The course will also include a brief historical sketch of the different forms of inland transport since 1920, and an account of post-war transport legislation.
Recommended reading.—MINIMUM READING: K. M. Gwilliam, *Transport and Public Policy*; J. R. Meyer and others, *The Economics of Competition in the Transportation Industries*; C. D. Foster, *The Transport Problem*; G. J. Walker, *Road and Rail*; The British Railways Board, *The Reshaping of British Railways (Beeching Report)*, 1963, and *The Development of the Railways' Major Trunk Routes*, 1965; *Road Pricing: The Economic and Technical Possibilities*, 1964; *Traffic in Towns (Buchanan Report)*, 1963.
A bibliography will be circulated at the beginning of the course.
162. **The Economics of Shipping.** Mr. Prys Williams. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II—*Economics of Transport*, XV 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. Gripiaios, *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*.

163. 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*, XV 8c.

For Graduate Students

164. Economic Problems in Transport (Seminar). Dr. Beesley. This 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.

VI. BUSINESS STUDIES

170. 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. 20.) Professor Yamey. Michaelmas Term.
- (b) The Economics of the Labour Market. (For detailed syllabus see Course No. 25.) 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. Professor Edey. Michaelmas Term.

- (d) Economic Analysis and its Applications: this course will introduce the principles of economics. Mr. Klappholz and Mr. Gould. Michaelmas and Lent Terms.
- (e) Industrial History. (For detailed syllabus see Course No. 267.) 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. 57), 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.

171. One-Year Graduate Course in Business Administration.

The programme of courses (which may be varied to suit the needs of individual students) is as follows:

- (a) **Problems in Industrial Administration (Seminar).** Professor Sir Ronald Edwards. See Course No. 57.
- (b) **Business Administration: the Organisation of Business Enterprises and Problems of Business Policy.** Mr. Foldes and Mr. Gould. See Course No. 23.
- (c) **Industry and Trade.** Professor Yamey and Mr. Townsend. Sessional.
- (d) **Finance.** Mr. Rose. Sessional.
- (e) **Introduction to Accounting for Non-Specialists.** Professor Edey and Mr. Carsberg. See Course No. 151.
- (f) **Electronic Computers.** Mr. Flower. See Course No. 152.
- (g) **Introduction to Economics.** Mr. Shaffer. See Course No. 8.
- or
- (h) **Elements of Economics.** Professor Day. See Course No. 9.
- (i) **Social Aspects of Management.** Miss Seear, Mr. Holmes and Mr. Thurley. Sessional.
- (j) **Industrial Relations.** Professor Roberts. Michaelmas and Lent Terms.
- (k) **Labour: Organisation and Relations.** Professor Phelps Brown. See Course No. 24.
- (l) **Law Relating to Business.** Professor Wheatcroft and others. During the Michaelmas Term students will attend Course No. 412; during the Lent Term special lectures will be arranged.
- (m) **Elementary Statistical Methods.** Miss Gales and Dr. Maunder. See Course No. 920.
- (n) **Introduction to Management Mathematics.** Professor Foster. See Course No. 966.

Classes will be arranged in conjunction with courses (e), (g), (h), (m) and (n).

172. Technological and Economic Change in the Energy Industry.

Dr. Tugendhat. Six lectures, Lent Term (beginning in the fourth week).

For undergraduate and graduate students interested.

Syllabus.—The production and conservation of heat as economic technological concepts; energy as a commodity; interdependence of market forces, economic and social conditions and technological developments; energy production as seen against a national and international background; primary-conventional and unconventional fuels, i.e. coal, oil, nuclear fuels, etc.; secondary fuels, i.e. gas and electricity; structure of the primary and secondary producing industries; their past seen as a function of the interplay of economic, technical and social forces; the emergence of the modern chemical, metallurgical and engine-making industries; the impact of space and nuclear research expenditures; application of economic and technical reasoning in the forecasting of future developments; likely shape of the coal and oil industries and the future of the plastic, synthetic fibre, chemical, steel and power generating industries.

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

- 185. Introduction to Geography.** Professor Wise. Twenty-five lectures, Sessional. (This course will be given in the day and in the evening in the session 1965-66.)

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*; R. E. Dickinson, *City and Region*.

- 186. Geography Class.** Professor Wise, Dr. Odell, Dr. Board and Dr. Hamilton. Fortnightly throughout the session.

Part II

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. Economic Geography—I.** Professor Buchanan, Mr. Sinclair, Dr. J. E. Martin and Dr. Odell. Twenty-five lectures, Sessional. (This course will be given only in the day in the session 1965-66.)

Economic Geography, XV 5; I 3g; III 3c; XIV 3f.

Syllabus.—Concepts and methods of economic geography. The nature of resources and their exploitation. Systems of commercial agriculture. The geography of energy and of mineral production.

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*; H. Boesch, *A Geography of World Economy*; A. Martin, *Economics and Agriculture*; A. N. Duckham, *The Fabric of Farming*; M. Chisholm, *Rural Settlement and Land Use*; P. R. Odell, *An Economic Geography of Oil*; J. W. Alexander, *Economic Geography*; R. Dumont, *Types of Rural Economy*; G. Manners, *The Geography of Energy*.

- 188. Human Geography.** Professor Jones. Twenty-five lectures, Sessional. (This course will be given in the day and in the evening in the session 1965-66.)

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*; E. Jones, *Human Geography*; 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. (This course will be given in the day and in the evening in the session 1965-66.)

The British Isles, XV 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.** Professor Harrison Church, Mr. Lawrence and Dr. Hamilton. Ten lectures, Summer Term.

Europe, XV 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 1965-66.)

Physical Geography, XV 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.—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. Regional Aspects of Physical Geography.** Dr. Clayton. Fifteen lectures, Lent and Summer Terms. (This course will be given only in the day in the session 1965-66.)

Physical Geography, XV 4.

Recommended reading.—G. T. Trewartha, *The Earth's Problem Climates*; L. D. Stamp, *Britain's Structure and Scenery*; S. W. Wooldridge and D. L. Linton, *Structure, Surface and Drainage in South-East England*.

- 193. Practical Mapwork.** Dr. Jackson, Dr. Clayton and others. Twenty-five classes, Sessional. (This course will be given only in the day in the session 1965-66.)

Physical Geography, XV 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. C. Dickinson, *Statistical Mapping and the Presentation of Statistics*.

Part II

Third Year

- 194. Economic Geography—II.** Dr. J. E. Martin, Dr. K. R. Sealy, Dr. Estall and Dr. Hamilton. Twenty-five lectures, Sessional. (This course will be given in the day and in the evening in the session 1965-66.)

Economic Geography, XV 5; I 3g; III 3c; XIV 3f.

Syllabus.—The location of economic activity. The economic geography of industry, industrial complexes. The elements of the geography of transport.

Recommended reading.—E. M. Hoover, *The Location of Economic Activity*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; N. J. G. Pounds, *The Geography of Iron and Steel*; U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources*; J. W. Alexander, *Economic Geography*; A. B. Mountjoy, *Industrialization and Underdeveloped Countries*; 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*; K. R. Sealy, *The Geography of Air Transport*.

- 195. Applied Geography.** Professor Wise, Dr. Hall and Dr. Estall. Sessional.

The British Isles, XV 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*.

- 196. Advanced Regional Geography: Western and Central Europe.** Professor Harrison Church, Dr. Yates, Mr. Lawrence and Dr. Hamilton. Thirty lectures, Sessional. (This course will be given only in the day in the session 1965-66.)

Europe, XV 7.

Syllabus.—A study of 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.

- 197. Geography Seminar.** Professor Wise and Mr. Sinclair. Sessional.

Discussion on special areas and topics.

Optional Subjects

One of the following courses

- 198. Historical Geography—I.** Dr. Lambert. Sessional. (This course will be given only in the day in the session 1966-67.)

Historical Geography, VI 8i; VII 7 and 8k; XIV 3e; XV 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.** Professor Harrison Church and Mr. Carter. Sessional. Available also for B.A. Honours in Geography—Political Geography I. (This course will be given only in the day in the session 1965-66.) Students should also follow Course No. 242.

Political Geography, XV 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, XV 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 and Region*; 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. K. R. 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 1965-66.)

North America, XV 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. Foscutt, *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 1965-66.)

Monsoon Asia, XV 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*; 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.** Professor Harrison Church, Professor 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 1965-66.)

Africa, XV 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*; W. A. Hance, *The Geography of Modern Africa*.

Further reading will be indicated during the course.

- 204. Advanced Regional Geography: Latin America.** Dr. Odell and Miss Henshall. Sessional. Available also for B.A. (Honours) and B.Sc. (Special). (This course will be given in the day only in the session 1965-66.)

Latin America, XV 8d(iv).

Syllabus.—The evolution of man's occupation; of patterns of settlement; of states and the distribution of economic activities. Studies of selected topics with particular attention to spatial imbalance in the development of the more important countries.

Recommended reading.—Students should be familiar with P. E. James, *Latin America*; G. J. Butland, *Latin America: A Regional Geography*.

Other reading will be recommended during the course.

- 205. Transport Geography Class.** Dr. K. R. Sealy. Michaelmas and Lent Terms. (This class will be given in the day only in the session 1965-66.)

Economics and History of Transport, XV 8c.

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

- 206. Physical Basis of Geography—I. (Biogeography).** Dr. Yates and Dr. Rose. 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*.

- 207. Physical Basis of Geography—II. (Meteorology and Climatology).** Dr. Jackson and Mr. J. A. Davies. 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. Petterssen, *Introduction to Meteorology*; H.M.S.O., *A Course in Elementary Meteorology*; H. C. Willett and F. Sanders, *Descriptive Meteorology*.

- 208. Physical Basis of Geography—III. (Landforms).** Professor Pugh, Dr. Brunsten 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*.

- 209. Physical Geography Class.** Professor Pugh and Dr. Brunsten. Michaelmas Term. For students not reading Geology as a subsidiary subject.

- 210. Elements of Cartography (Map Projections and Surveying).** Professor 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. 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).** Dr. Board, Dr. Clayton, Mr. Lawrence, Mr. Sinclair and Miss Henshall. Twenty-five classes, Sessional.

Syllabus.—Techniques of map-making, map design and the representation of the physical and cultural landscapes on maps. The principal methods of making thematic maps. The interpretation of topographic and thematic maps, both British and foreign.

Recommended reading.—F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; G. H. Dury, *Map Interpretation*; W. G. V. Balchin and A. W. Richards, *Practical and Experimental Geography*; G. C. Dickinson, *Statistical Mapping and the Presentation of Statistics*; A. H. Robinson, *Elements of Cartography* (2nd edn.).

213. Introduction to Human Geography—I. Dr. Lambert, Dr. Yates and Miss Henshall. 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*; E. Jones, *Human Geography*.

Second Year

215. Advanced Regional Geography—British Isles. Professor Wise, Dr. Embleton and Mr. Ellenby. 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*; J. A. Steers (Ed.), *Field Studies in the British Isles*; J. W. Watson and J. B. Sissons (Eds.), *The British Isles*.

216. Cartography and Map Interpretation (Practical). Dr. Board, Dr. Brunson, Dr. Clayton, Dr. Embleton and Mr. Sinclair. Sessional.

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.

217. Regional Geography of Europe. Students in their second and third years are required to take either Course 230, Regional Geography of Europe (excluding the U.S.S.R.) together with one

of the following optional courses, or two of the following optional courses:

(a) **Western Europe (France, Belgium, Netherlands, Luxembourg).** Professor Harrison Church. Michaelmas Term.

Recommended reading.—F. J. Monkhouse, *A Regional Geography of Western Europe*; A. Guilcher and J. Beaujeu-Garnier, *L'Europe du Nord et du Nord-Ouest*.

(b) **West Central Europe (Germany, Austria, Switzerland, Netherlands).** Dr. Yates. Lent Term.

(c) **West Mediterranean (Spain, Portugal, Italy, Mediterranean France).** Mr. Sinclair and Miss Henshall. Michaelmas and Lent Terms in the session 1965-66.

Recommended reading.—J. M. Houston, *The Western Mediterranean World*; J. P. Cole, *Italy*; R. Way, *A Geography of Spain and Portugal*; A. Siegfried, *The Mediterranean*.

(d) **Northern Europe (Denmark, Norway, Sweden, Finland, Iceland).** Mr. Sinclair. (This course will not be given in the session 1965-66.)

Recommended reading.—A. Sømme (Ed.), *A Geography of Norden*; W. R. Mead, *An Economic Geography of the Scandinavian States and Finland*; A. C. O'Dell, *The Scandinavian World*.

(e) **East Central Europe (East Germany, Poland, Czechoslovakia, Hungary, Rumania, Yugoslavia).** Dr. Hamilton. (This course will not be given in the session 1965-66; it will be given in the session 1966-67.)

Syllabus.—The salient physical and human features of the area will be examined in the light of its modern political history.

Recommended reading.—H. G. Wanklyn, *The Eastern Marchlands of Europe*; M. I. Newbigin, *Geographical Aspects of Balkan Problems*; M. R. Shackleton, *Europe: A Regional Geography* (7th edn.); N. J. G. Pounds, *The Upper Silesian Industrial Region*; G. W. Hoffman, *The Balkans in Transition*; M. Pécsi and B. Sárfalvi, *The Geography of Hungary*.

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:—

218. Mathematical Geography and Surveying—I. An inter-collegiate course.

219. Physical Basis of Geography—IV (Geomorphology). Dr. Clayton and others. Fifteen lectures, Michaelmas and Lent Terms.

220. Geomorphology—I. An intercollegiate course. Twenty lectures, Michaelmas and Lent Terms.

221. **Landforms and Denudation Chronology of the British Isles—I.** Dr. Clayton, Dr. Embleton and others. Ten lectures, Lent and Summer Terms. See also Course No. 233.

Recommended reading.—S. W. Wooldridge and D. L. Linton, *Structure, Surface and Drainage in South-East England*; E. H. Brown, *Relief and Drainage of Wales*; J. W. Watson and J. B. Sissons (Eds.), *The British Isles* (chaps. 6, 7 and 8); K. M. Clayton (Ed.), *A Bibliography of British Geomorphology*.

222. **Meteorology and Climatology—I.** Dr. Jackson, Professor Hare 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, Dr. Rose and Mrs. Whatley. An intercollegiate course.

224. **Economic Geography—I.** Professor Buchanan, Mr. Sinclair, Dr. Odell and Dr. J. E. Martin. 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. Sessional.
Syllabus.—As for Course No. 198.

226. **History of Geographical Science and Discovery—I.** Dr. Jackson and others. An intercollegiate course to be given at Birkbeck College.

227. **Political Geography—I.** Professor Harrison Church and Mr. Carter. 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 Hare and Professor Jones. Sessional.

230. **The Regional Geography of Europe.** Professor Harrison Church and others. Michaelmas Term. (See Course No. 217.)

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.** Professor Pugh and others. Twenty lectures, Michaelmas and Lent Terms. An intercollegiate course.

233. **Landforms and Denudation Chronology of the British Isles—II.** Dr. Clayton and others. Ten lectures, Michaelmas Term. (Continuation of Course No. 221.)

234. **Geomorphology Class.** Dr. Clayton and Dr. Embleton. Lent Term.

235. **Meteorology and Climatology—II.** Professor Hare, Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course.

236. **Plant Geography—II.** Dr. Yates, Dr. Rose and Mrs. Whatley. An intercollegiate course.

237. **Economic Geography—II.** Dr. J. E. Martin, Dr. K. R. Sealy, Dr. Estall and Dr. Hamilton. Twenty-five lectures, Sessional.

Syllabus.—The economic geography of industry and transport. The location of manufacturing industry. Industrial complexes.

Recommended reading.—R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; J. W. Alexander, *Economic Geography*; E. M. Hoover, *The Location of Economic Activity*; N. J. G. Pounds, *The Geography of Iron and Steel*; K. R. Sealy, *The Geography of Air Transport*; British Railways Board, *The Reshaping of British Railways (Beeching Report)*; U.K. Ministry of Transport, *Traffic in Towns (Buchanan Report)*.

238. **Economic Geography Class.** Professor Buchanan and others. Twenty classes, Michaelmas and Lent Terms.
239. **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*.
240. **Historical Geography Class.** Dr. Lambert. Fifteen classes, Michaelmas and Lent Terms.
241. **History of Geographical Science and Discovery—II.** Dr. Jackson and others. An intercollegiate course.
242. **Political Geography—II.** Professor Harrison Church, Professor Jones and Dr. Hamilton. Twenty-five lectures, Sessional.
243. **Geography of Settlement—II.** Professor Jones and others. Sessional. An intercollegiate course to be given at Birkbeck College.
244. **Geography of Settlement Class.** Professor Jones. Michaelmas and Lent Terms.
245. **Applied Geography.** Professor Wise, Dr. Hall and Dr. Estall. Sessional.
Syllabus.—As for Course No. 195.

Courses for B.A. General and B.Sc. General (Part II)

Note: 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 206, 207, 208, 210, 212.
 Second Year: Courses 215, 216.
 Third Year: Course 230.

Courses for B.Sc. General (Part I)

First Year: Courses 206, 207, 208, 210, 212.

Courses for B.Sc. General (Part II)

Second Year: Courses 215, 216.

Third Year: Courses 230 and one of 218, 219, 222, 223, 245.

For Graduate Students

246. **Aerial Photography in Geographical Studies.** Mr. Rawson and Dr. K. R. Sealy. Admission by permission of Mr. Rawson.
247. **Geographical Thought and Practice.** Dr. Board, Professor Jones and others. A course of lectures and discussions on methodology, alternating with reports on current research. 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.
248. **Geography of Agriculture.** Mr. Sinclair and Dr. Board.
249. **Geography of Industry.** Dr. J. E. Martin and others.
250. **Transport Studies.** Dr. K. R. Sealy.
251. **Urban Geography.** Professor Jones.
252. **Measurement and Estimation in Climatology.** Mr. Davies.
253. **Geography of Energy.** Dr. Odell.
254. **Application of Statistics to Geography.** Dr. Board. Weekly classes, Lent Term.
255. **Regional Survey Problems (Seminar).** An evening seminar. Admission by permission of Professor Wise.
256. **Air Transport Problems (Seminar).** An evening seminar. Admission by permission of Dr. K. R. Sealy.
257. **Regional Problems in Latin America (Seminar).** An inter-departmental seminar. Dr. Odell (Geography), Dr. Tropp (Sociology) and others. Admission by permission.

Note: In addition to the courses and seminars listed above, other graduate courses may be given in the session 1965-66, 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 section and course:—

Anthropology—Regional.

Course No. 120.—Economics and Politics of the International Petroleum Industry.

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.
- C. EMBLETON, M.A., Ph.D. (Cantab.); Senior Lecturer in Geography.
- F. ROSE, B.Sc., Ph.D.; Senior Lecturer in Biogeography.
- D. BRUNSDEN, B.Sc., Ph.D.; Lecturer in Geography.
- J. A. DAVIES, B.A. (Bristol), M.Sc. (McGill); Lecturer in Geography.
- G. R. P. LAWRENCE, M.Sc.; Lecturer in Geography.
- JEAN WHATLEY, B.Sc. (Glasgow), M.Sc. (Calif.); Lecturer in Geography.
- F. W. CARTER, B.A. (Sheffield); Assistant Lecturer in Geography.
- JANET D. HENSHALL, M.A. (Oxon.), M.Sc. (McGill); Assistant Lecturer in Geography.
- C. D. MORLEY, M.A. (Birmingham); Assistant Lecturer in Geography.
- D. L. LINTON, D.Sc.; Honorary Lecturer (Professor of Geography, University of Birmingham).

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ECONOMIC HISTORY

260. The Economic History of Great Britain and America, 1850-1939. Professor 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: H. C. Allen and C. P. Hill (Eds.), *British Essays in American History*; W. Ashworth, *A Short History of the International Economy, 1850-1950*; G. P. Jones and A. G. Poole, *A Hundred Years of Economic Development in Great Britain*; M. A. Jones, *American Immigration*; W. A. Lewis, *Economic Survey, 1919-1939*; The Royal Institute of International Affairs, *The Problem of International Investment*; H. F. Williamson (Ed.), *The Growth of the American Economy* (parts 4 and 5).

FOR REFERENCE: G. C. Allen, *British Industries and their Organisation*; W. Ashworth, *An Economic History of England, 1870-1939*; A. K. Cairncross, *Home and Foreign Investment*; T. C. Cochran and W. Miller, *The Age of Enterprise: A Social History of Industrial America*; H. M. Pelling, *America and the British Left: from Cobden to Bevan*.

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 1b; III 2; V 2a; VIII 2; IX 3; XII 3a; XIII 3; XIV 3a; XV 3; XVI 3a (Second Year).

Syllabus.—The growth of world population: changes in its occupational and regional distribution; the development of primary production in temperate and tropical zones; the development of mechanised transport by sea and land; the international migration of capital; changes in the volume, direction and content of international trade; the varying experience of industrialisation in Western Europe (including Great Britain), U.S.A., Russia and Japan; the development and organisation of capital and labour markets; the breakdown of the international economy in the inter-war years; changes in national economic policies; the development of international economic institutions.

Recommended reading.—W. Ashworth, *A Short History of the International Economy*; W. A. Lewis, *Economic Survey, 1919-1939*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; W. W. Rostow, *The Stages of Economic Growth*; B. H. Higgins, *Economic Development*; S. S. Kuznets, *Six Lectures on Economic Growth*; A. G. Poole and G. P. Jones, *A Hundred Years of Economic Development in Great Britain*; S. B. Clough, *France: a History of National Economics*; G. Stolper, *The German Economy, 1919-1939*; R. M. Robertson, *History of the American Economy*; G. C. Allen, *A Short Economic History of Modern Japan*; P. Lyashchenko, *History of the National Economy of Russia*; United Nations XIII, *Demography 1953*, 3. *The Determinants and Consequences of Population Trends*; J. V. Levin, *The Export Economies*; Royal Institute of International Affairs, *The Problem of International Investment*; League of Nations, II, *Economic and Financial, 1942*, A.3, *The Network of World Trade*; 1945, A.10, *Industrialization and Foreign Trade*; P. L. Yates, *Forty Years of Foreign Trade*; J. K. Galbraith, *The Great Crash*; J. B. Condliffe, *The Commerce of Nations*; R. H. Thornton, *British Shipping*; C. Eicher and L. Witt, *Agriculture in Economic Development*; M. Tracy, *Agriculture in Western Europe*.

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; 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*, VI 3; VII 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, from 1700 to the Second World War. Professor John, Mr. Oxborrow and Mr. W. M. Stern. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II (Second Year)—*English Economic History, 1485-1760*, VI 3; VII 7 and 8c; *English Economic History from 1760*, VI 4; VII 7 and 8d; B.A. Honours in History, optional subject of Economic History.

Syllabus and recommended reading will be given at the beginning of the course.

265. 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.

266. The Social and Political Structure of England in the Nineteenth Century. Professor John, Dr. Brown, Dr. Erickson and others. Twenty-six lectures, Sessional.

For B.Sc. (Econ.) Part II—special subject of Modern Economic History (Second and Third Years).

Syllabus and recommended reading will be given at the beginning of the course.

267. Industrial History. Dr. Coleman. Ten lectures, Lent Term.

For Engineers and Applied Scientists (see Course 132).

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*.

268. 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*, VI 7; VII 7 and 8g (Second Year).

269. Economic History of the United States of America since 1783. Mr. Potter and Dr. Erickson. Twenty lectures, Michaelmas and Lent Terms. (This course will be given in the day and in the evening in the session 1965-66.)

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783*, VI 7; VII 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); F. Thistlethwaite, *The Great Experiment* (1955). Other useful text-books include: L. E. Davis and others, *American Economic History* (1961); 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); S. Bruchey, *The Roots of American Economic Growth, 1607-1861*.

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 Farmer's 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*; 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); C. P. Nettels, *The Emergence of a National Economy, 1775-1815*; D. C. North, *The Economic Growth of the United States, 1790-1860*; 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*; R. W. Fogel, *Railroads and American Economic Growth*.

270. The U.S.A. in the 1930s. Mr. Potter, Dr. Erickson 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.

271. 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, VI 7; VII 7 and 8g* (Third Year).

272. Economic History of England from the Norman Conquest to 1485. Miss Coleman. 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*; B.A. Honours in History (Second Year).

Recommended reading.—Books will be recommended during the course.

273. Mediæval Economic History (Classes). Classes for students taking the B.Sc. (Econ.) Part II—special subject of Economic History (Mediæval) will be held by Dr. Bridbury and Miss Coleman.

274. 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.

275. 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.

276. 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 Professor John and Mr. W. M. Stern.

FOR GRADUATE STUDENTS

277. The Sources and Historiography of British Economic History, 1783-1850 and 1900-1950. Professor John and Mr. W. M. Stern will hold a fortnightly seminar throughout the session.

278. Economic History of the Eighteenth and Early Nineteenth Centuries (Seminar). This seminar will be held fortnightly in the Michaelmas and Lent Terms by Professor John at the Institute of Historical Research. Admission will be strictly by permission of Professor John.

INTERNATIONAL HISTORY

289. Political History, 1763-1939. Dr. Anderson, Dr. Nish and Mr. Dilks. Twenty-five lectures, Sessional (day and evening).

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: G. Rudé, *Revolutionary Europe, 1783-1815*; D. Thomson, *Europe since Napoleon*; G. A. Craig, *Europe since 1815*; 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*; R. F. Leslie, *The Age of Transformation, 1789-1871*. 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. Hatton, Dr. Lowe, Dr. Bourne, Miss Lee, Mr. Grün and Mr. Bridge. Thirty lectures, Sessional (day and evening).

For B.Sc. (Econ.) Part II—*Political History*, I 2a; II 1b; III 2; V 2a; VI 8j; VIII 2; IX 3; XII 3a; XIII 3; XV 3; XVI 3a (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*; C. J. H. Hayes and C. W. 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*; R. F. Leslie, *The Age of Transformation, 1789-1871*; I. Collins, *The Age of Progress: A Survey of European History from 1789-1870*; 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, or the volumes that have so far appeared in "The Fontana History of Europe" namely G. R. Elton, *Reformation Europe 1517-1559*; D. Ogg, *Europe of the Ancien Régime 1715-1783*; G. Rudé, *Revolutionary Europe, 1783-1815*. The following are useful for Non-European developments: S. E. Morison and H. S. 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 R. Muir, *Historical Atlas*, or C. G. Robertson and J. G. Bartholomew, *Historical Atlas, 1789-1922*, or W. Shepherd, *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. Hatton and Dr. Anderson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*International History, 1494-1815*; XIV 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: G. Butler and S. Maccoby, *The Development of International Law*; D. P. Heatley, *Diplomacy and the Study of International Relations*; G. Mattingly, *Renaissance Diplomacy*; 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; 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*; 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 (Ed.) and others, *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*, XIV 5 (Second Year); *International History, 1815-1945*, VI 8b; VII 7 and 8e; XII 4 (Second Year); B.A. Honours in History—optional subject of *Diplomatic History 1814-1945* (Second Year).

- (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*; O. Pflanze, *Bismarck and the Development of Germany*; 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*; *Bismarck and Modern Germany*; 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*, XIV 6; *International History, 1815-1945*, VI 8b; VII 7 and 8c; XII 4; B.A. Honours in History—optional subject of *Diplomatic History, 1814-1945*.

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 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 subject of International History, 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, *Eléments 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 subject of International History, 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.

For students taking B.Sc. (Econ.) Part II—special subject of International History, and other students interested.

Syllabus.—The changes of 1814-15 within the Northern balance; the Pan-Scandinavian movement 1830-60; the Crimean War; the Schleswig-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 subject of 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*, XIV 8c (Third Year) and other students interested.

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*; M. Banno, *China and the West, 1858-1861*; 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 classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Old Foreign Office, 1815-1861*, XIV 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 classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Great Powers and Egypt, 1882-1888*, XIV 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'Egypte* (1905); Lord Cromer, *Modern Egypt* (1908).

Recommended reading will be given during the course.

301. The Manchurian Crisis, 1931-33. Mr. Grün. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Manchurian Crisis, 1931-1933*, XII 7 and 8c; XIV 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*.

Recommended reading will be given during the course.

302. Anglo-German Naval Diplomacy, 1933-1939. Mr. Watt. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Anglo-German Naval Diplomacy, 1933-1939*, XII 7 and 8c; XIV 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*, VI 8c; VII 7 and 8f (Second or Third Year); XIV 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. Sventnilson).

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. Sturmthal, *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*.

304. **Political History (Class).** Fortnightly classes for the discussion of historical topics will be held throughout the session by members of the Department for students taking the paper in Political History, B.Sc. (Econ.) Part I and LL.B. Intermediate.
305. **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.
306. **International History, 1500-1815 (Class).** Fortnightly classes will be held by Dr. Hatton and Dr. Anderson throughout the session for B.Sc. (Econ.) Part II students specialising in International History.
307. **International History, 1815-1945 (Class).** Fortnightly classes will be held by Miss Lee, Dr. Nish, Mr. Grün, Dr. Hearder and Dr. Bourne 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 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.
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 Medicott at the Institute of Historical Research. Admission will be strictly by permission of Professor Medicott.
315. **The Diplomatic Background of the Second World War (Seminar).** Professor Medicott, Mr. Grün and Mr. Watt will hold a fortnightly seminar throughout the session. Admission will be strictly by permission of Professor Medicott.

**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 lectures, Michaelmas and Lent Terms.

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 D. Hay, *Polydore Vergil*; A. G. Dickens, *The English Reformation*; G. R. Elton, *The Tudor Constitution*; 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. (This course will not be given in the session 1965-66.)

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 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*; 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. British History in the Nineteenth Century. Dr. Brown. Forty lectures, Sessional.

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. Ten lectures, Michaelmas and Lent Terms.

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 throughout the session for students taking B.A. Honours in History. (This course will not be given in the session 1965-66; it will be given in the session 1966-67.)

335. European History since 1800 (Classes). Classes will be held by Dr. Bourne, Mr. Grün, Mr. Dilks and Mr. Bridge throughout the session for students taking B.A. Honours in History.

336. The History of Ancient and Mediæval Political Thought. Dr. Morrall. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Honours in History (First Year).

Recommended reading.—TEXTS: Plato, *Republic* (trans. F. M. Cornford); Aristotle, *Politics* (trans. E. Barker); St. Thomas Aquinas, *Selected Political Writings* (Ed., A. P. d'Entrèves).

GENERAL: E. Barker (Ed.), *From Alexander to Constantine*; M. Foster, *Plato to Machiavelli (Masters of Political Thought, Vol. 1)*; C. H. McIlwain, *The Growth of Political Thought in the West*; A. P. d'Entrèves, *The Medieval Contribution to Political Thought*; G. Glotz, *The Greek City*; L. Homo, *Roman Political Institutions*; E. Lewis, *Mediæval Political Ideas* (2 vols.); T. Gilby, *Principality and Polity*; W. Ullman, *Principles of Government and Politics in the Middle Ages*; T. A. Sinclair, *A History of Greek Political Thought*; F. E. Adcock, *Roman Political Ideas and Practice*; J. B. Morrall, *Political Thought in Medieval Times*; F. Kern, *Kingship and Law in the Middle Ages*; E. H. Kantorowicz, *The King's Two Bodies*; G. Post, *Studies in Medieval Legal Thought*.

337. **The History of Political Thought (Class).** Classes will be held 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 the end of the Eighteenth Century to the present day.** Dr. Brown 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 Dr. Bridbury and others.
341. **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. Hearder.
342. **The Economy of England in the Fifteenth Century (Classes).** Classes will be held by Miss Coleman and Dr. Bridbury throughout the session for students taking B.A. Honours in History with the special subject The Economy of England in the Fifteenth Century.
343. **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.
344. **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.

345. **English History from 1760 to the present day (Classes).** Classes and tutorials will be held throughout the session by Dr. Brown on the outlines of English 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 Thinkers from Cicero to Marsiglio.
 No. 563.—Political Thought from Hobbes to Burke.

INDUSTRIAL RELATIONS

INDUSTRIAL RELATIONS

348. Comparative Industrial Relations. Professor Roberts and Dr. 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 role 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*; *The British Journal of Industrial Relations* (Special Issue on Incomes Policy, Nov. 1964, Vol. II, No. 3).

348(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.

349. Industrial Conflict. Dr. 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).

350. 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.

351. Industrial Relations (Seminar). Professor Roberts, Miss Seear and Mr. Thurley will hold seminars in the Lent Term for the Diploma in Personnel Management, graduate students, and the Trade Union Studies course.

352. Problems in Industrial Relations (Seminar). 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.

353. Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar). Professor Roberts.

For graduate students and overseas students attending non-degree courses.

354. The Political History of Trade Unions. Professor Roberts. Ten lectures, Michaelmas Term.

For the Trade Union Studies course; Diploma in Personnel Management; 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*; H. A. Clegg, A. Fox and A. F. Thompson, *A History of British Trade Unions since 1889* (Vol. I, 1889-1910); 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*.

355. Trade Unions in Britain. Professor Roberts. Ten lectures, Michaelmas Term.

For the Trade Union Studies course; Diploma in Personnel Management; B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, IV 6 (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*.

355(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.

356. Trade Unionism in France. Mr. Pickles. Six lectures, Summer Term.

For graduate students and 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*.

357. Industrial Relations (Seminar). Professor Roberts will hold a seminar throughout the session for students taking the one-year M.Sc. degree in Industrial Relations.

Reference should also be made to the following section and course:—

Diploma in Personnel Management.

Course No. 56.—**Seminar in Labour Problems.**

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 122, pp. 309 to 314.

International History: Courses 289 to 315, pp. 344 to 351.

International Law: Course 403, p. 385
and, particularly,

International Relations: Courses 500 to 545, pp. 419 to 430.

LANGUAGE STUDIES

	Pages
Linguistics, Language (General)	367, 374, 375
French	367, 368-370, 374
German	367, 368, 370-371, 374
Italian	367, 368, 371, 374
Russian	367, 368, 372, 374
Spanish	367, 368, 372-373, 374
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B.A. Honours in History	373
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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 Department of Language Studies as early as possible in the first week of the session.

360. Introduction to Language Studies. Dr. Denison. Lectures and classes, Michaelmas and Lent Terms.

For all students who have chosen alternative subject 11, irrespective of the language chosen.

361. Classes are provided in **French, German, Italian, Russian and Spanish** as follows:

- (1) Contemporary Texts and Discussion.
- (2) Translation from and into English.

These classes will be supplemented, where appropriate, by language laboratory work.

Recommended Books for Part I

FRENCH:

- M. Blanc: *Visages de la France Contemporaine* (Second edition).
M. Blancpain et P. Clarac: *La France d'Aujourd'hui*.
C. Seignobos: *Histoire Sincère de la Nation Française*.
A. Cobban: *History of Modern France* (2 vols.).
P. H. Simon: *Histoire de la Littérature Française Contemporaine*.
M. Girard: *Guide Illustré de la Littérature Française Moderne*.

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*.
V. C. Lutz: *Italy: A Study in Economic Development*.

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:

- L. C. Harmer and
 F. J. Norton: *A Manual of Modern Spanish.*
 R. K. Spaulding: *Syntax of the Spanish Verb.*
 R. K. Spaulding: *How Spanish Grew.*
 J. B. Trend: *The Language and History of Spain.*
 W. C. Atkinson: *A History of Spain and Portugal.*
 J. B. Trend: *The Civilization of Spain.*
 E. A. Peers: *Spain: A Companion to Spanish Studies.*
 N. B. Adams: *The Heritage of Spain.*
 G. Brenan: *The Literature of the Spanish People.*
 J. García López: *Historia de la Literatura Española.*
 G. Pendle: *A History of Latin America.*

Part II.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 7 and 8i (iii); XIV 3d (Second and Third Years).

Students selecting this option must register with the Head of the Department at the end of their first year.

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 distribution of their course over their second and third years.

362. The following courses will be given weekly throughout the session for **French, German, Italian, Russian and Spanish:**

- (1) Translation and Essay.
- (2) Discussion.
- (3) Lecture or class in the language selected.

Syllabus and recommended reading are given under courses 363 to 370.

French (See No. 362)

363. **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 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 7 and 8i (iii); XIV 3d (Second Year).

Syllabus.—The dual role of literature as it reflects and contributes to the formation of political opinion.

364. **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 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 7 and 8i (iii); XIV 3d (Third Year).

Syllabus.—The dual role of literature as it reflects and contributes to the formation of political opinion.

365. **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 Modern Foreign Language (French)*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 7 and 8i (iii); XIV 3d (Third Year).

366. **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.—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^e 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^e 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^e à la IV^e République.*
 A. Siegfried: *De la IV^e à la V^e République.*
 M. Leroy: *Histoire des Idées Sociales en France* (3 vols.).
 M. Duverger: *Les Constitutions de la France.*
 M. Duverger: *La V^e 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.*
 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 Économique de la France des Temps Modernes.*
 H. Sée: *Esquisse d'une Histoire Économique 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 Économique 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 (See No. 362)

367. Miss Schatzky. Thirty classes, Sessional.

Syllabus.—Nineteenth-century German Realism as an expression of German social and political reality. Post-war German writing.

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 (See No. 362)

368. Mr. Guercio. Thirty classes, Sessional.

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.*
 V. C. Lutz: *Italy: A Study in Economic Development.*

GEOGRAPHY:

- A. Baldini: *Italia di Bonincontro.*
 M. Carlyle: *Modern Italy.*
 *D. S. Walker: *A Geography of Italy.*

* Recommended for students taking Part I.

Russian (See No. 362)**369.** Mrs. Gottlieb. Thirty classes, Sessional.

Syllabus.—Discussion in Russian on the civilisation and culture of the country and on matters connected with the social sciences.

Recommended reading.—

HISTORICAL AND POLITICAL DEVELOPMENT:

- V. O. Kliuchevskii: *A History of Russia.*
 S. F. Platonov: *History of Russia.*
 G. H. N. Seton-Watson: *The Decline of Imperial Russia.*
 B. D. Grekov, M. V. Nechkina and others (Eds.): *Istoriya S.S.S.R. t. 2.*
 W. E. Mosse: *Alexander II and the Modernization of Russia.*
 E. H. Carr: *The Bolshevik Revolution.*
 D. J. R. Scott: *Russian Political Institutions.*
 L. B. Schapiro: *The Communist Party of the Soviet Union.*
 V. I. Lenin: *O partiinom, gosudarstvennom i obshchestvennom kontrole.*
 G. V. Plekhanov: *Sotsializm i politicheskaya bor'ba.*

LITERATURE AND THOUGHT:

- T. G. Masaryk: *The Spirit of Russia.*
 P. A. Kropotkin: *Russian Literature: Ideals and Realities.*
 E. H. Carr: *The Romantic Exiles.*
 R. G. Hare: *Pioneers of Russian Social Thought.*
 S. R. Tompkins: *Russia Through the Ages.*
 A. I. Herzen: *Byloye i Dumy.*
 V. A. Desnitskii i K. D. Muratova: *Revolutsia 1905 goda i russkaya literatura.*
 J. Lavrin: *From Pushkin to Mayakovskii: A Study in the Evolution of a Literature.*
 D. S. Mirsky: *A History of Russian Literature.*

SOCIAL AND ECONOMIC DEVELOPMENT:

- V. A. Rzhnevskii: *Krestianskii vopros i agrarnaya reforma.*
 P. I. Lyashchenko: *History of the National Economy of Russia.*
 M. V. Breyev: *Planirovaniye narodnovo khozaistva S.S.S.R.*
 P. A. Khromov: *Ekonomicheskoye razvitiye Rossii v XIX-XX vekakh.*
 A. Nove: *The Soviet Economy.*
 M. H. Dobb: *Soviet Economic Development since 1917.*
 R. A. J. Schlesinger (Ed.): *Changing Attitudes in Soviet Russia.*

Spanish (See No. 362.)**370.** Mr. Gooch. Thirty classes, Sessional.

Syllabus.—(1) Problems of modern Spanish. (2) Nineteenth and twentieth-century Spain. Political, sociological, philosophical, religious and psychological trends as reflected in the work of writers of the period. (3) Selected aspects of Latin America.

Recommended reading.—

LANGUAGE AND GENERAL:

- R. Lapesa: *Historia de la lengua española.*
 Ofines: *Presente y futuro de la lengua española.*
 J. Casares: *Novedades en el diccionario académico.*
 R. Altamira: *Los elementos de la civilización y del carácter españoles.*
 R. Menéndez Pidal: *Los españoles en la historia.*
 W. B. Fisher and H. Bowen-Jones: *Spain: A Geographical Background.*

LITERATURE AND THOUGHT:

- A. Valbuena Prat: *Historia de la literatura española.*
 M. Romera-Navarro: *Historia de la literatura española.*
 J. Chabás: *Literatura española contemporánea.*
 G. Torrente Ballester: *Panorama de la literatura española contemporánea.*
 L. Granjel: *Panorama de la generación del 98.*
 E. G. de Nora: *La novela española contemporánea.*
 J. López-Morillas: *Intelectuales y espirituales.*
 P. Laín 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.*
 M. Fernández Almagro: *Historia política de la España contemporánea.*
 J. Sarrailh: *La España ilustrada de la segunda mitad del siglo XVIII.*
 R. T. Davies: *The Golden Century of Spain, 1501-1621.*
 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 Spanish Civil War.*

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. Henríquez-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 of the Department of Language Studies at the beginning of the session.

Graduate Students

371. Linguistics. Dr. Denison. Michaelmas and Lent Terms.

For graduate students. Undergraduate students may attend by permission only. Intending participants should see Dr. Denison in the first two weeks of the Michaelmas Term so that a time can be arranged.

372. Post-War France. Dr. Tint. Lent Term. Seminar on the politics of France since 1944.

For graduate students. Open to undergraduates.

373. Classes in French, German, Italian, Russian and Spanish. Graduate students requiring a language for research purposes should make an appointment to see the Head of the Department in the second week of the Michaelmas Term.

Note.—The attention of graduate students is drawn to the following seminar:

714. Language and Society. A seminar will be held by Mr. Hotopf, Professor Dore, Dr. Denison and Dr. Fox in the Summer Term. Admission will be by permission of the teachers concerned.

English

374. 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*.

375. 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.**376. 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*.

377. 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 language. 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*.

378. 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. 377 and to study the books recommended for reading.

379. Applied Linguistics. Miss Aitchison, Mr. Chapman and Dr. Denison. Sessional.

For students of English as a foreign language. Other students may be admitted by permission.

Syllabus.—The relevant aspects of linguistic theory in their application to language learning, with special reference to English as a foreign language; bilingualism and multilingualism; national language problems.

LAW

LAW

Courses intended primarily for LL.B. Students

390. **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*.

391. **English Constitutional Law.** Professor de Smith and Mr. Park. Forty-five lectures (day). 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* (2nd edn.); H. Street, *Freedom, the Individual and the Law*.

FOR REFERENCE: W. R. Anson, *The 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. I, 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*.

392. **English Legal System.** Mr. Zander and Professor Milsom. Thirty-two lectures (day). Mr. Zander. 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* (4th edn.); O. Hood Phillips, *First Book of English Law* (5th edn.); G. L. Williams, *The Proof of Guilt* (3rd edn.); B. N. Cardozo, *The Nature of the Judicial Process*; L. J. Blom-Cooper, *The A6 Murder*.

393. Elements of the Law of Contract. Professor Wedderburn and Mr. Grunfeld. Forty lectures (day), Michaelmas and Lent Terms. Mr. Park and Mr. Downey. 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: A detailed knowledge of 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. P. H. Winfield); W. G. Friedmann, *Law in a Changing Society* (chap. 4).

Students should always use the latest editions of the above books.

394. Criminal Law. Mr. D. A. Thomas, Mr. Downey and Mr. Leigh. Forty-six lectures (day), Sessional. (This course will be given in the day and in the evening in the session 1966-67.)

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*; N. R. Morris and C. Howard, *Studies in 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 (Cmd. 1187); The Suicide Act 1961; *Third Report (Criminal Procedure and Insanity)* 1963 (Cmd. 2149).

395. Sentencing and the Treatment of Offenders. Mr. D. A. Thomas. Five lectures, Lent Term.

Optional for LL.B. Parts I and II; B.A./B.Sc. (Sociology) Branch I 9 and 10d (Second Year); B.Sc. (Econ.) Part II—*Criminology*, IX 8c (Second Year); LL.M.

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; U.K. Central Office of Information, February 1960, H.M.S.O., *The Treatment of Offenders in Britain*; Howard Jones, *Crime and the Penal System*; *The Sentence of the Court*, April, 1964, H.M.S.O.

396. Law of Tort. Mr. Dean and Mr. Evans. Fifty lectures (day). Mr. Evans and Mr. Roberts. Twenty-five lectures of one-and-a-half hours (evening), Sessional.

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: 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. Lindsell, *The Law of Torts* (12th edn.); S. Chapman, *Statutes on the Law of Torts*; J. G. Fleming, *The Law of Torts* (2nd edn.).

397. Law of Trusts. Professor Wheatcroft and Mr. Cornish. Forty lectures (day), Michaelmas and Lent Terms. Mr. Evans and Mr. Cornish. Twenty-five lectures (evening), Sessional.

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*; R. E. Megarry and P. V. Baker, *Snell's Principles of Equity*; J. A. Nathan, *Equity through the Cases* (Ed. O. R. Marshall).

FURTHER READING: 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.); G. W. Keeton, *Social Change in the Law of Trusts*; D. M. Waters, *The Constructive Trust*; G. W. Keeton, *Cases on Equity and Trusts*.

Students should consult the latest editions of these books.

398. 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*.

399. Jurisprudence and Legal Theory. Mr. Jacobs. Fifty lectures (day), Sessional. (This course will be given in the day and in the evening in the session 1966-67.)

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*; 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.).

400. Principles of the Law of Evidence. Mr. Dean and Mr. Albert. Fifty lectures (day), Sessional.

For LL.B. 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*.

401. English Administrative Law. Professor Griffith. Twenty-five lectures of one-and-a-half hours, Sessional.

For LL.B. Part II.

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 chap. 2); 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*.

402. 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.

403. Public International Law. Dr. Valentine. Forty lectures (day). Mr. Thornberry. Twenty-five lectures of one-and-a-half hours (evening), Michaelmas and Lent Terms.

For LL.B. Part II; B.Sc. (Econ.) Part I—Alternative subject 14 *Elements of International Law*; B.Sc. (Econ.) Part II—*International Law*, XII 3b or 7 and 8b; XIV 3c (Third Year).

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: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *International Organization*; *The Year Book of World Affairs*.

404. Conflict of Laws. Dr. Mann and Mr. Lazar. Thirty-five lectures (day), 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: A. V. Dicey, *Conflict of Laws* (7th edn.); J. D. Falconbridge, *Essays on the Conflict of Laws* (2nd edn.); M. Wolff, *Private International Law* (2nd edn.); P. R. H. Webb and D. J. L. Brown, *A Casebook on the Conflict of Laws*.

PERIODICALS: Articles on this subject in *The British Year Book of International Law*; *The Law Quarterly Review*; *The International and Comparative Law Quarterly*; and *The Modern Law Review*.

405. Succession, Testate and Intestate. Mr. Evans and Dr. Valentine. 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.).

406. Mercantile Law—Agency and Sales and Other Dispositions of Goods. Mr. Diamond. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

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*; Final Report of the Committee on Consumer Protection, 1962 (Cmd. 1781), Parts I and IV. 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.]

407. Industrial Law. Mr. Grunfeld, Professor Wedderburn and Mr. Evans. 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. Outline of law relating to sickness, unemployment and industrial injuries and disablement benefit.

Recommended reading.—See the bibliography of Course No. 415. Law students should particularly use the following works: W. Mansfield Cooper, *Outlines of Industrial Law*; K. W. Wedderburn, *The Worker and the 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*; C. Jenkins and J. Mortimer, *British Trade Unions Today*.

Students should always use the latest editions of the above books.

408. Law of Domestic Relations. Mrs. Aikin and Mr. Leigh.
Forty lectures, Michaelmas and Lent Terms.

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 or 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 (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

409. English Legal Institutions. Mr. Diamond and Mr. Thornberry. Twenty-two lectures, Sessional.

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*; *The Enforcement of Morals*; 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*; B. F. Wootton, *Crime and the Criminal Law*.

Students should consult the latest editions of these books.

410. Elements of Commercial Law A—Contract. Mr. Grunfeld.
Fourteen lectures, Michaelmas and Lent Terms. (This course will be given in the day and in the evening.)

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, I 3f; III 3f; IV 7; V 6; *Labour, including Law of Labour and Social Insurance*, IV 6 (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.

411. Elements of Commercial Law B—Agency. Mr. Diamond.
Six lectures, Summer Term. (This course will be given in the day and in the evening.)

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, I 3f; III 3f; IV 7; V 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.

412. Elements of Commercial Law C—Partnership and Company. Professor Wedderburn and Mr. Downey (day). Mr. Downey (evening). Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, I 3f; III 3f; IV 7; V 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*; 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.

413. Elements of Commercial Law D—Sale of Goods. Mr. Diamond. Ten lectures, Lent Term. (This course will be given in the day and in the evening.)

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, IV 7; and optional for I 3f; III 3f (Third Year). (Students specialising in Economics, Analytical and Descriptive, or in Monetary Economics, should take either this course or No. 414.)

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.

[Note.—Candidates will be supplied in the examination room with copies of the Sale of Goods Act, 1893.]

Recommended reading.—G. J. Borrie and A. L. Diamond, *The Consumer, Society and the Law*; 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*; M. D. E. S. Chalmers, *Sale of Goods Acts, 1893*; Final Report of the Committee on Consumer Protection, 1962 (Cmnd. 1781) Parts I and IV.

Students should consult the latest editions of these books.

414. Elements of Commercial Law E—Income Tax, Corporation Tax and Capital Gains 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*, V 6; and optional for I 3f; III 3f. (Students specialising in Economics, Analytical and Descriptive, or in Monetary Economics should take either this course or No. 413.)

Syllabus.—General outline of Income Tax, Corporation Tax, Surtax, and Capital Gains Tax; the basis of taxation of individuals and of companies; the Schedules and their effect with particular reference to Cases I and II of Schedule D and Schedules E and F.

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: E. E. Spicer and E. C. 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*; current articles in *Taxation* and the *British Tax Review*.

Students should consult the latest editions of these books.

415. Law of Labour and of Social Insurance. Mr. Grunfeld. Twenty-five lectures (day), Michaelmas and Lent Terms. Mr. Cornish. Twenty-five lectures (evening), Sessional.

For B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, IV 6 (Third Year); Diploma in Personnel Management.

Syllabus.—The significance of law in the shaping of labour relations.

The legal framework of labour relations and the sources of mutual rights and obligations 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.

Outline of law relating to sickness, unemployment and industrial injuries and disablement benefit.

Recommended reading.—W. Mansfield Cooper, *Outlines of Industrial Law*; K. W. Wedderburn, *The Worker and the 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*; C. Jenkins and J. Mortimer, *British Trade Unions Today*.

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, Trucks 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.

416. Constitutional and Administrative Law. Professor de Smith and Mr. Leigh. Thirty lectures (day). Professor de Smith and Mr. Park. Twenty-five lectures (evening), Sessional.

For B.Sc. (Econ.) Part II—*Constitutional and Administrative Law*, III 3e; VIII 3b (Second Year).

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*; J. A. G. Griffith and H. Street, *A Casebook of Administrative 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.

417. Soviet Law. Dr. Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign or Commonwealth Country*, VIII 8c (Third Year); 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. Criminal procedure. Civil procedure.

Recommended reading.—TEXT-BOOKS: H. J. Berman, *Justice in the U.S.S.R.*; 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 Soviétiques de Droit International Public*; *State and Law: Soviet and Yugoslav Theory*; P. S. Romashkin, *Fundamentals of Soviet Law*; Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1, 2, 3 and 9.

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.

418. Current Legal Developments in the U.S.S.R. and Eastern Europe. Dr. Lapenna will hold a fortnightly seminar for graduate students throughout the session.

419. Introduction to Comparative Law. Mr. Lazar. Ten lectures, Lent Term.

For LL.B. Part II; and for graduate law students. Others will be admitted only by permission of Mr. Lazar.

Syllabus.—A discussion of some of the problems arising from the comparison of "common law" and of "civil law" systems. Although there will be occasional references to other legal systems the course will be mainly concerned with English, American, French and German law. It will include the following topics: the purpose and method of studying "comparative law". Sources of international misunderstandings between lawyers. Meaning of the antithesis of "common" and "civil" law. Significance of Roman law. Codified law versus case law. Systematic versus casuistic thinking. University-made law versus "guild law". The contrast of public and private law and its fundamental importance. "Separation of powers" and "séparation des pouvoirs". The role of the courts in law-making. Statutory interpretation. Principle of precedent. Constitutional review. "General clauses" and Equity. "Freedom of contract" versus protection of workers and consumers. Influence of technical development on delictual liability. Publicity of property transactions. The meaning of "commercial law".

Recommended reading.—H. C. Gutteridge, *Comparative Law* (2nd edn.); R. B. Schlesinger, *Comparative Law, Cases and Materials* (2nd edn.); R. C. K. Ensor, *Courts and Judges in France, Germany and England*; R. David, *Traité Élémentaire de Droit Civil Comparé*; R. David and H. P. de Vries, *The French Legal System*; *Manual of German Law* edited by British Foreign Office (2 Vols.); C. J. Hamson and T. F. T. Plucknett, *The English Trial and Comparative Law*; C. J. Hamson, *Executive Discretion and Judicial Control: an Aspect of the French Conseil d'Etat*; F. H. Lawson, *A Common Lawyer looks at the Civil Law*; F. W. Maitland, "Trust and Corporation" and "The Corporation Sole" in *Selected Essays*; A. T. Von Mehren, *The Civil Law System, Cases and Materials*.

FOR REFERENCE: P. Arminjon, B. Nolde and M. Wolff, *Traité de Droit Comparé* (3 vols.); W. W. Buckland and A. D. McNair, *Roman Law and Common Law* (2nd edn.); S. Galeotti, *The Judicial Control of Public Authorities in England and in Italy*; F. H. Lawson, *Negligence in the Civil Law*; D. Lloyd, *Public Policy*; M. Rheinstein (Ed.), *Max Weber on Law in Economy and Society*; J. D. B. Mitchell, *The Contracts of Public Authorities*; K. Renner, *The Institutions of Private Law and their Social Functions*; B. Schwartz (Ed.), *The Code Napoleon and the Common-law World*; M. A. Sieghart, *Government by Decree*; H. Street, *Government*

Liability, *A Comparative Study*; C. Szladits, *Guide to Foreign Legal Materials (French, German, Swiss)*.

Students should consult *The International and Comparative Law Quarterly* and *The American Journal of Comparative Law*.

420. **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. 403.—**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
421. English Constitutional Law	LL.B. Intermediate
422. English Legal System	LL.B. Intermediate
423. Elements of the Law of Contract	LL.B. Intermediate
424. Criminal Law	LL.B. Part I
425. Law of Tort	LL.B. Part I
426. Law of Trusts	LL.B. Part I
427. Land Law	LL.B. Part I or II
428. Jurisprudence	LL.B. Part II
429. Law of Evidence	LL.B. Part I or II
430. English Administrative Law	LL.B. Part I or II
431. History of English Law	LL.B. Part II
432. Public International Law	LL.B. Part II and B.Sc. (Econ.) Part I and Part II
433. Conflict of Laws	LL.B. Part II
434. Succession	LL.B. Part II
435. Mercantile Law	LL.B. Part II
436. Industrial Law	LL.B. Part II
437. Law of Domestic Relations	LL.B. Part II
438. African Law	LL.B. Part I or II
439. English Legal Institutions	B.Sc. (Econ.) Part I
440. Elements of Commercial Law	B.Sc. (Econ.) Part II
441. Law of Labour and of Social Insurance	B.Sc. (Econ.) Part II
442. 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.**

445. **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) (Cmnd. 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. Furnston, *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; B. H. McPherson, *Winding Up on the 'Just and Equitable' Ground* (1964), 27 M.L.R. 282.

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.

446. **Constitutional Laws of the Commonwealth, I (Canada, Australia, and either India or Pakistan).** Professor de Smith, Mr. Leigh 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 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.

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 Governments of 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), public corporations, the civil service, government liability, local government or the 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*; W. R. Lederman, *The Courts and the Canadian Constitution*.

FOR REFERENCE: W. P. M. Kennedy, *The Constitution of Canada*; P. Gerin-Lajoie, *Constitutional Amendment in Canada*; The O'Connor Report to the Senate of Canada (1939); Alexander Smith, *The Commerce Power in Canada and the United States*.

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*; G. Sawyer, *Australian Government Today*.

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; H. 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. Shafiqat, *Pakistan Constitution*; L. C. Green, "The Status of Pakistan" (*The 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.

447. 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.

448. 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: *The American Journal of International Law*; *The British Year Book of International Law*; *European Yearbook*; *The International and Comparative Law Quarterly*; *International Organisation*; *Year Book of the International Court of Justice*; *Year Book of the United Nations*; *The Year Book of World Affairs*.

449. 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.

450. Mercantile Law. 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 ship-owner'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; E. F. 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.

451. Comparative Conflict of Laws. Professor Graveson (K.C.) and Mr. Lazar.

Syllabus.—I. The history of the Conflict of Laws: classification; renvoi; public policy and the limits of application of foreign law; domicile.

II. For examinations to be held in 1966 and 1967: Family law. Marriage, matrimonial causes, legitimacy, legitimation, adoption, guardianship, matrimonial property.

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*; 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*; R. H. Graveson, "Comparative Aspects of the General Principles of Private International Law" (*Recueil des Cours de l'Académie de Droit International à la Haye*, 1963).

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: American Law Institute, *Restatement of the Law of Conflict of Laws* and *ibid.*, *Second Draft*; R. H. Graveson, "The Comparative Evolution of Principles of the Conflict of Laws in England and the U.S.A." (*Recueil des Cours de l'Académie de Droit International à la Haye*, 1960); 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*; A. A. Ehrenzweig, *Conflict of Laws*.

CONTINENTAL COUNTRIES: 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.

A reading list in respect of each of the special topics will be available on request.

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) and *Revue Critique de Droit International Privé*. 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 Conference of Private International Law.

452. Criminology. Mr. Freeman and Professor James (K.C.).

Syllabus.—I. *Introduction.* The legal and the criminological concept 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*; N. Walker, *Crime and Punishment in Britain*.

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*; 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*; W. H. Hammond and E. Chayen, *Persistent Criminals*; 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.

453. 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 Public 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. Briél, *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*; British Institute of International and Comparative Law, Special Publication No. 6 (1965), *Developments in the Law of the Sea 1958-1964*.

Students should consult the latest editions of these books.

454. Constitutional Laws of the Commonwealth, II (other than Canada, Australia, India and Pakistan). Professor de Smith and Mr. Park.

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; D. P. Currie (Ed.), *Federalism and the New Nations of Africa*; F. Bennion, *Constitutional Law of Ghana*; O. I. Odumosu, *The Nigerian Constitution*; B. O. Nwabueze, *Constitutional Law of the Nigerian Republic*; H. E. Groves, *The Constitution of Malaysia*.

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.

455. Illegality and Restitution. 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: 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 Law Institute, *Restatement of the Law*, Volumes on Contract and Restitution; R. L. A. Goff and G. H. Jones, *Restitution* 1965; S. J. Stoljar, *Law of Quasi-Contracts*.

Students should consult the latest editions of these books.

Other books and articles will be recommended in the seminar.

456. Comparative Criminal Law and Procedure. Mr. D. A. Thomas, Mr. Leigh, Mr. Lazar 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, 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: Session 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 1965-66): 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*; A. V. Lansdown, *Outlines of South African Criminal Law and Procedure* (2nd edn.); N. R. Morris and C. Howard, *Studies in Criminal Law*; 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, *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 1965-66.

457. Law of Taxation with special reference to the Taxation of Income and Capital Gains. 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, profits and gains for the purposes of income tax, surtax, capital gains tax and corporation tax, the rules for computation of income, profits, gains and losses, and the deductions and allowances authorised to be set against income, profits and gains. 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, and the taxation of companies and their distributions by way of income tax and corporation tax.

The general implications of the income and capital gains taxes in relation to business problems and the general administration of these taxes.

Students will be supplied in the examination room with copies of Butterworth's *Income Tax Handbook*, 1965-66.

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.

458. Law of Estate Planning. Professor Wheatcroft, Professor Crane (Q.M.C.) and Mr. Lazar.

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.

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. Pridcaux, *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, *The Law of Income Tax, Surtax and Profits Tax* (also published as Vol. I of the *British Tax Encyclopaedia*).

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*.

459. 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*; E. Stein and T. L. Nicholson (Eds.), *American Enterprise in the European Common Market*; D. G. Valentine, *The Court of Justice of the European Communities* (2 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.

460. 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 Practices and Resale Price Maintenance*; R. B. Stevens and B. S. Yamey, *The Restrictive Practices Court: The Judicial Process and Economic Policy*; 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.

461. 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.

462. 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
463. Jurisprudence and Legal Theory	Professor Lord Lloyd, Professor Graveson.
464. Comparative Law of Contract in Roman and English Law	Mr. Morrison.
465. Muhammadan Law	Professor Anderson, Mr. Coulson.
466. Hindu Law	Professor Derrett.
467. Law of Landlord and Tenant	Professor Crane.
468. Planning Law	Mr. Scamell.
469. Air Law	Dr. Cheng, Mr. Forrest.
470. International Law of War and Neutrality	Colonel Draper.
471. African Law	Dr. Allott.
472. Law of Mortgages and Charities	Professor Keeton, Professor Ryder.
473. History of International Law	Professor Schwarzen- berger, Mr. Parkinson.
474. Comparative European Law	Professor Kiralfy, Mr. Chloros.
475. Methods and Sources of Inter- national Law	Dr. Cheng.
476. Sociology of International Law	Dr. Jacobi, Mr. Parkinson.

PHILOSOPHY, LOGIC AND SCIENTIFIC METHOD

PHILOSOPHY, LOGIC AND SCIENTIFIC METHOD

480. Problems of Philosophy. Professor Sir Karl Popper. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I—Alternative subjects 3, *Introduction to Logic* and 4, *Introduction to Scientific Method*; B.Sc. (Econ.) Part II—*Scientific Method*, I 3a; III 3a; VI 8c; VII 7 and 8j; VIII 3e (Second and Third Years); special subject Philosophy (Second Year); B.A. Honours in Philosophy and Economics (First, Second and Third Years).

481. Introduction to Scientific Method. Professor Sir Karl Popper. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—Alternative subject 4, *Introduction to Scientific Method*; B.Sc. (Econ.) Part II—*Logic and Methodology*, XVI 5; B.A. Honours in Philosophy and Economics (First and Second Years); M.Sc. Recommended as a preparation for Courses Nos. 486 and 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*; A. Koyré, *From the Closed World to the Infinite Universe*; A. Einstein and L. Infeld, *The Evolution of Physics*; A. Koestler, *The Sleepwalkers*. PHILOSOPHY OF SCIENCE: K. R. Popper, *Conjectures and Refutations*; J. O. Wisdom, *Foundations of Inference in Natural Science*; K. R. Popper, *The Logic of Scientific Discovery*; 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" (*B.J.P.S.*, 1957).

481(A). Scientific Method Class—I. Mr. Musgrave will hold a fortnightly class for B.Sc. (Econ.) Part I students in conjunction with Course No. 481 in the Michaelmas and Lent Terms.

482. Introduction to Logic. Mr. Musgrave. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 3, *Introduction to Logic*; B.Sc. (Econ.) Part II—*Logic and Methodology*, XVI 5; B.A. Honours in Philosophy and Economics (First and Second Years); M.Sc.

Syllabus.—The main problem of logic: statements and inferences, truth and validity. Logical and Descriptive words. Why logic is "formal". The theory of valid inference.

The history of logic; inference and argument. Logic as a theory of criticism. Aristotelian logic. The Square of Opposition and Syllogisms. Class interpretation. Venn diagrams. Criticism of Aristotelian logic. Boolean algebra and its interpretations.

Propositional logic. Truth-functions and truth-tables. Inferences in propositional logic and how to decide their validity.

Predicate logic. Quantifiers. Inferences in predicate logic and their validity.

The recent history of logic and its relationships with mathematics. Topics briefly discussed will be taken from the following: deductive systems, derivation versus proof, definition versus the establishment of meaning; Euclidean geometry as the paradigm of perfect knowledge; non-Euclidean geometries; problems of consistency, completeness and independence; the idea of model; relative consistency proofs.

Arithmetization of mathematics, Peano's postulates and the Russell-Frege programme. The Russell paradox and its solution. The Liar paradox and the inconsistency of ordinary language. Self-reference and meaning. Artificial versus formalised languages.

Axiomatized propositional calculus. Consistency, completeness and independence proofs. Gödel's results.

Recommended reading.—K. R. Popper, "Logic Without Assumptions" (*Proc. Arist. Soc.*, 1946-47); P. H. Nidditch, *The Development of Mathematical Logic*; A. Ambrose and M. Lazerowitz, *Fundamentals of Symbolic Logic*; I. M. Copi, *Introduction to Logic*; P. Suppes, *Introduction to Logic*; A. H. Basson and D. J. O'Connor, *Introduction to Symbolic Logic*; R. Blanché, *Axiomatics*; E. Nagel and J. R. Newman, *Gödel's Proof*; K. R. Popper, *Conjectures and Refutations*; M. Kline, *Mathematics: A Cultural Approach*.

482(A). Logic Class. Mr. Musgrave will hold a fortnightly class for B.Sc. (Econ.) Part I students in conjunction with Course No. 482 in the Michaelmas and Lent Terms.

483. History of Modern Philosophy. Mr. Watkins. Twenty-five lectures of two hours, Sessional.

For B.A. Honours in Philosophy and Economics (First and Second Years); B.Sc. (Econ.) Part II—*History of Modern Philosophy*, XVI 6; M.Sc.

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; intellectualist and empiricist views on "abstract ideas" in physics and mathematics; causal 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; 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 connection 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. Tonnes), 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*; J. W. N. Watkins, *Hobbes's System of Ideas*; 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*.

484. Mathematical Logic. Dr. Lakatos. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Mathematical Logic*, X 6 and 7f; XI 6 and 7f; XVI 4b (Second and Third Years); B.A. Honours in Philosophy and Economics (Third Year); M.Sc.

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*; R. 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*; A. Church, *Introduction to Mathematical Logic*; R. R. Stoll, *Set Theory and Logic*; E. Mendelson, *Mathematical Logic*.

485. Metaphysics. Mr. Watkins. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Epistemology and Metaphysics*, XVI 7 (Second Year); B.A. Honours in Philosophy and Economics (Second and Third Years).

Syllabus.—Typical characteristics of metaphysical ideas which have played a role in the history of science. Kant's box and the problem of classifying metaphysical principles. Kant and Positivism. Are there any synthetic *a priori* propositions? *Ex nihilo, nihil fit* and the Principle of Sufficient Reason. Presuppositions of science *v.* challenging metaphysical speculations. Can a metaphysical hypothesis be rationally evaluated?

Recommended reading.—A. J. Ayer (Ed.), *Logical Positivism*; R. G. Collingwood, *An Essay on Metaphysics* (Part I); I. Kant, *Prolegomena*; E. Meyerson, *Identity and Reality*;

K. R. Popper, *Conjectures and Refutations* (especially chaps. 3, 5, 7, 8 and 11); J. W. N. Watkins, "Confirmable and Influential Metaphysics" (*Mind*, July 1958); "Confirmation, the Paradoxes, and Positivism" in M. Bunge (Ed.), *The Critical Approach to Science and Philosophy*.

486. Scientific Method. Mr. Watkins. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Scientific Method*, I 3a; III 3a; VI 8e; VII 7 and 8j; VIII 3e; *Philosophy and History of Science*, XVI 3b and 8b; *Logic and Methodology*, XVI 5 (Second or Third Year); B.A. Honours in Philosophy and Economics (Second Year); M.Sc. Students who have not attended either Course No. 482, "Introduction to Logic", or Course No. 481, "Introduction to Scientific Method", are advised to attend the latter in preparation for this course.

Syllabus.—The problem of method. The aims of science. Explanation and independent evidence. Falsifiability. Probabilistic hypotheses. Avoidance of the 'paradoxes' of confirmation. Simplicity.

The questions of physical, social and historical necessity. Determinism and indeterminism. The nature of scientific revolutions. Reductions in science. Metaphysics and science.

Methods of the social sciences. Philosophy of history.

Recommended reading.—PHILOSOPHY OF SCIENCE: K. R. Popper, *The Logic of Scientific Discovery*; *Conjectures and Refutations*; E. Nagel, *The Structure of Science*; R. B. Braithwaite, *Scientific Explanation*; H. Poincaré, *Science and Hypothesis*; N. Goodman, *Fact, Fiction and Forecast*; 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?* HISTORY OF SCIENCE: A. Koyré, *From the Closed World to the Infinite Universe*; A. Koestler, *The Sleepwalkers* (Parts III–V); A. Einstein and L. Infeld, *The Evolution of Physics*; E. M. Rogers, *Physics for the Inquiring Mind*; I. B. Cohen, *The Birth of a New Physics*. PHILOSOPHY OF SOCIAL SCIENCE: M. Weber, *The Methodology of the Social Sciences*; T. W. Hutchison, *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*; R. G. Collingwood, *The Idea of History*; M. Mandelbaum, *The Problem of Historical Knowledge*; K. R. Popper, *The Poverty of Historicism*; *The Open Society and Its Enemies*; M. Friedman, *Essays in Positive Economics*; J. W. N. Watkins, "Ideal Types and Historical Explanation" (*Readings in the Philosophy of Science*, Ed. H. Feigl and M. Brodbeck); K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, 1959); W. Eucken, *The Foundations of Economics*.

486(A). Scientific Method Class—II. Mr. Watkins will hold a fortnightly class in conjunction with Course No. 486 in the Michaelmas and Lent Terms for B.Sc. (Econ.) Part II students.

487. Logic and Scientific Method Class. Mr. Musgrave will hold a class in the Michaelmas and Lent Terms for B.Sc. (Econ.) Part II—*Logic and Methodology*, XVI 5 (Second Year) and for B.A. Honours in Philosophy and Economics (First and Second Years).

SEMINARS

488. Philosophy and Scientific Method. Professor Sir Karl Popper and other members of the department will hold a seminar of two hours weekly throughout the session for graduate students.

489. Logic and Scientific Method. Mr. Watkins and Mr. Musgrave will hold a weekly seminar in the Michaelmas and Lent Terms for M.Sc. students.

490. Epistemology and Metaphysics. Mr. Musgrave will hold a seminar throughout the session for B.A. Honours in Philosophy and Economics (Second and Third Years) and for B.Sc. (Econ.) Part II—*Epistemology and Metaphysics*, XVI 7.

491. Philosophy of Mathematics. Dr. Lakatos will hold a fortnightly seminar in the Michaelmas and Lent Terms for M.Sc. students.

Required background reading.—H. Putnam and P. Benacerra (Eds.), *Readings in the Philosophy of Mathematics*; I. Lakatos, "Proofs and Refutations, I–IV" (*B.J.P.S.*, Vol. XIV, 1963–64).

492. History of Science. Dr. Lakatos will hold a fortnightly seminar in the Michaelmas and Lent Terms for M.Sc. students.

Required background reading.—G. J. Holton and D. H. D. Roller, *Foundations of Modern Physical Science*.

493. Philosophy of the Social Sciences. A seminar of one-and-a-half hours will be held fortnightly in the Michaelmas and Lent Terms by Dr. Corry, Mr. Klappholz and Mr. Musgrave for B.A. Honours in Philosophy and Economics (Second and Third Years) and for B.Sc. (Econ.) Part II, *Scientific Method*, I 3a (Third Year).

494. Philosophy Reading Class. Mr. Watkins will hold a weekly class throughout the session for B.A. Honours in Philosophy and Economics (First Year).

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INTERNATIONAL RELATIONS

500. 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 one another, 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*; G. Barraclough, *An Introduction to Contemporary History*.

501. Structure of International Society (Class). Dr. Lyon 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 (day and evening).

For B.Sc. (Econ.) Part II—Special subject of International Relations (Second Year); *Structure of International Society II*, XIV 3b; the Foreign Service Course; M.Sc. and other 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*, XIV 3b; the Foreign Service Course; M.Sc. and other 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 1965-66.

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*; M. D. Donelan, *The Ideas of American Foreign Policy*; D. Cater, *Power in Washington*.

(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*; G. Wint, *Communist China's Crusade*; J. Ch'en, *Mao and the Chinese Revolution*; D. S. Zagoria, *The Sino-Soviet Dispute*.

(f) INDIA: A. Appadorai, "The Foreign Policy of India" in J. E. Black and K. W. Thompson (Eds.), *Foreign Policies in a World of Change*; A. Appadorai, "Indian Diplomacy" in S. D. Kertesz and M. A. Fitzsimons (Eds.), *Diplomacy in a Changing World*; J. S. Bains, *India's International Disputes*; J. V. Bondurant, *Conquest of Violence: The Gandhian Philosophy of Conflict*; R. N. Berkes and M. S. Bedi, *Diplomacy of India*; M. Brecher, *Nehru, a Political Biography*; C. A. Fisher, *South-East Asia: A Social, Economic and Political Geography*; A. Lamb, *The China-India Border*; K. Satchidananda Murty, *Indian Foreign Policy*; J. Nehru, *An Autobiography*; J. Nehru, *The Discovery of India*; Nehru's *Speeches* (various editions, but especially the single-volume collection, 1947-1961); Lok Sabha Secretariat, *Foreign Policy of India Texts of Documents, 1947-1959*; T. G. P. Spear, *India: A Modern History*.

(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. Ten 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.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*; J. F. Cady, *Southeast Asia: its Historical Development*; C. A. Fisher, *South-East Asia: a Social, Economic and Political Geography*; D. E. Kennedy, *The Security of Southern Asia*; A. Buchan (Ed.), *China and the Peace of Asia*; M. Brecher, *The New States of Asia*.

506. Structure of International Society II (Class). Mr. G. H. Stern. Sessional.

For B.Sc. (Econ.) Part II—*Structure of International Society II*, XIV 3b (Third Year).

507. International Relations (Class). Dr. Northedge and Members of the Department (day), Mr. M. H. Banks, fortnightly (evening), Sessional.

For B.Sc. (Econ.) Part II—special subject of International Relations (Second Year day and Third Year evening); *Structure of International Society II*, XIV 3b (Fourth Year evening).

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. Fifteen lectures (day), Michaelmas and Lent Terms. Fifteen lectures, fortnightly (evening). Sessional.

For B.Sc. (Econ.) Part II—*International Institutions*, VII 3c (Second Year); XII 6 (Second or Third Year); XIV 8a (Third Year); Foreign Service Course; M.Sc. and other graduate students. The evening course will be for fourth-year students.

Syllabus.—An analysis of the differing forms of international institutional co-operation; and 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 these institutions on the content and conduct of the foreign policies of their 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*; A. Wolfers, *Discord and Collaboration*; 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*; M. Camps, *Britain and the European Community*; L. N. Lindberg, *The Political Dynamics of European Economic Integration*; F. Borkenau, *The Third International*; and the relevant constitutional documents.

509. Theories of International Institutional Co-operation. Professor Goodwin. Ten lectures (day), Lent and Summer Terms.

For M.Sc.—International Institutions and undergraduate and graduate students interested.

Syllabus.—An examination of the principal schools of thought on the institutional basis of world order. Theories about the nature and purpose of international institutions: institutions as forms of multilateral diplomacy, as exercises in community building, as instruments of revolutionary change.

Recommended reading.—as for Course No. 508.

510. The Commonwealth in the World. Professor Miller. Eight lectures, Michaelmas Term.

For undergraduate and graduate students interested.

Syllabus.—The growth of the Commonwealth of Nations as an international body; institutions and implications of Commonwealth membership; the place of the Commonwealth in the foreign policies of the members; the United States and the Commonwealth; connections with the U.N., and the O.A.U. and other international bodies; some case-studies, including Suez and British membership of the E.E.C.; the Commonwealth tomorrow.

Recommended reading.—G. M. Carter, *The British Commonwealth and International Security*; J. Eayrs (Ed.), *The Commonwealth and Suez*; P. N. S. Mansergh (Ed.), *Documents and Speeches on Commonwealth Affairs, 1952-1962*; P. N. S. Mansergh, *Survey of British Commonwealth Affairs* (Vol. 4, *Problems of Wartime Co-operation and Post-War Change, 1939-1952*); Central Office of Information, *Consultation and Co-operation in the Commonwealth*; G. Arnold, *Towards Peace and a Multiracial Commonwealth*; J. D. B. Miller, *The Commonwealth in the World* (3rd edn., 1965).

511. 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, Miss Strange and Mr. James for

B.Sc. (Econ.) Part II—*International Institutions*, VIII 3c (Second Year); XII 6; XIV 8a (Third Year).

An evening class will be held fortnightly throughout the session for fourth-year students.

511(A) International Institutions (Class). Five classes will be held at the beginning of the Michaelmas Term by Professor Goodwin for the Foreign Service Course.

512. 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*; C. K. Webster, *The Art and Practice of Diplomacy*; F. C. Iklé, *How Nations Negotiate*; Report of the Committee on Representational Services Overseas (*Plowden Report*) (Cmnd. 2276, 1964).

513. International Communism. Mr. G. H. Stern. Fifteen lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For those undergraduate and graduate students interested; especially for B.Sc. (Econ.) Part II—*International Institutions*, VIII 3c; XII 6; XIV 8a.

Syllabus.—International implications of the Bolshevik Revolution of 1917. The development of Communist Parties, factions and fronts in Europe, Asia, the Middle East and elsewhere: their interrelations and their degree of sensitivity to changes in Soviet domestic and foreign policies. The institutional structure of the Comintern, Cominform and Comecon; the effectiveness of these organisations in the achievement of their presumed goals. The Sino-Soviet dispute and the emergence of polycentrism in the Communist world.

Recommended reading.—F. Borkenau, *World Communism*; Z. K. Brzezinski, *The Soviet Bloc*; E. H. Carr, *German-Soviet Relations between the Two World Wars, 1919-1939*; J. C. Clews, *Communist Propaganda Techniques*; A. Dallin and others (Eds.), *Diversity in International Communism*; J. Degras (Ed.), *The Communist International 1919-1943: Documents*, Vols. I and II; I. Deutscher, *Stalin*; R. Fischer, *Stalin and German Communism*; W. E. Griffith, *Albania and the Sino-Soviet Rift*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; R. Loewenthal, *World Communism: the Disintegration of a Secular Faith*; 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*; A. D. Worth, *Soviet Russia in World Politics*; D. S. Zagoria, *The Sino-Soviet Conflict*.

Note: Courses 514-529 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 M.Sc. and other graduate students.

514. The Politics of International Economic Relations. Professor Goodwin and Mr. Donelan. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics of International Economic Relations*, XII 7 and 8a (Third Year); the Foreign Service Course; M.Sc. and other 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. Shwadrin, *The Middle East, Oil and the Great Powers*.

514(A). The Economic Factor in International Relations (Class).

A class will be held weekly in the Lent Term by Professor Goodwin and Mr. Donelan for B.Sc. (Econ.) Part II—*The Politics of International Economic Relations*, XII 7 and 8a (Third Year) and for the Foreign Service Course.

515. Theory and Practice of War from the Eighteenth Century to the Second World War. Professor Howard (King's College). Twenty-five lectures, Sessional.

For M.Sc.—Strategic Studies and other graduate students interested.

Syllabus.—The pre-Napoleonic thinkers: Bourcet, Guibert, Lloyd, Scharnhorst. The interpreters of Napoleonic warfare: Clausewitz, Willisen, Jomini, Hamley. Military thought in the railway age: Moltke, Schlieffen, Foch, Grandmaison. The influence of the American Civil War. Geopolitical and maritime doctrines of war: Mackinder, Haushofer, Mahan, Corbett. Doctrines of armoured and air warfare: Fuller, Liddell Hart, Douhet. Economic and total war.

Recommended reading will be given at the beginning of the course.

515(A). Strategic Thought from Clausewitz to Douhet. A class will be held weekly in the Michaelmas Term by Professor Howard (King's College) for M.Sc.—Strategic Studies.

516. Contemporary Strategic Problems. Mr. Bull and Mr. Windsor. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Problems of International Peace and Security*, XII 7 and 8d; *The Geographical and Strategic Aspects of International Affairs*, XII 7 and 8f (Third Year); M.Sc.—Strategic Studies and other graduate students interested.

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*.

517. War in the Twentieth Century. Mr. Alistair Buchan. Four lectures, Michaelmas Term.

For undergraduate and graduate students interested.

Syllabus.—The technological revolution in warfare: from mechanisation to automation. The decline of strategy. The new forms of conflict and warfare. The restraining of national power.

517(A). War in International Relations. A class will be held weekly in the Lent Term by Dr. Coral Bell for M.Sc.—International Politics and other graduate students interested.

518. The Development of National Security Policy in the United States since 1945. Professor Howard (King's College). Fifteen lectures, Lent and Summer Terms.

For M.Sc.—Strategic Studies and undergraduate and graduate students interested.

Syllabus.—The reorganisation of the U.S. armed forces after 1945. The Atomic Energy Act, 1946, and the National Security Act, 1947. Inter-service conflicts over rearmament 1947-1950. The United States and the defence of Western Europe from 1949. The Korean War and its impact on U.S. defence policy. "The New Look", 1953, and the consequent controversies over organisation and doctrine. The reorientation of policy under MacNamara, 1960.

Recommended reading will be given at the beginning of the course.

519. Problems of Disarmament and Arms Control. Mr. Windsor. Five lectures, Lent Term.

For M.Sc.—Strategic Studies and undergraduate and graduate students interested.

Syllabus.—The theory of disarmament and arms control negotiations, the historical experience of arms control systems and problems of the working of arms control systems.

Recommended reading will be given at the beginning of the course.

520. Civil-Military Relations. Mr. Mendl (King's College). Ten lectures, Michaelmas Term.

For M.Sc.—Strategic Studies and other graduate students interested.

Syllabus.—The study of civil-military relations as a political problem, constitutional questions arising out of the relationship of the armed forces to the civil power, structure of defence organisation and defence expenditure and the national economy.

Recommended reading will be given at the beginning of the course.

520(A). Civil-Military Relations. A class will be held weekly in the Lent Term by Mr. Mendl (King's College) for M.Sc.—Strategic Studies.

521. The Problems of International Peace and Security (Class). A class will be held weekly in the Lent Term by Mr. Windsor for B.Sc. (Econ.) Part II—*The Problems of International Peace and Security*, XII 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.

522. The Strategic Aspects of International Affairs (Class). A class will be held weekly in the Lent Term by Mr. Windsor for B.Sc. (Econ.) Part II—*The Geographical and Strategic Aspects of International Affairs*, XII 7 and 8f (Third Year).

523. Contemporary Theories of International Politics. Mr. M. H. Banks. Ten lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—special subject International Relations (Second Year); graduate students; and for others interested.

Syllabus.—A non-mathematical survey of the character and assumptions of current speculation about the nature of international relations studies and the development of a discipline in the field. Problems of theory-building. Possible approaches: conflict research; simulation techniques; systems analysis; games theory; decision-making; communications studies.

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*; R. D. Fisher (Ed.), *International Conflict and Behavioral Science*; *World Politics*; *The Journal of Conflict Resolution*.

524. 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*, XII 7 and 8e (Third Year); 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*.

525. Philosophical Aspects of International Affairs. Professor Manning. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XII 7 and 8e (Third Year); 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*.

525(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*, XII 7 and 8e (Third Year).

526. Psychological Aspects of International Affairs. Dr. Northedge. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XII 7 and 8e (Third Year); 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. Crawshay-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*.

526(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*, XII 7 and 8e (Third Year).

527. The Interplay of Politics at the Domestic and International Levels (Class).

A series of not less than ten classes will be arranged by Dr. Northedge in the Lent Term for B.Sc. (Econ.) Part II—*The Interplay of Politics at the Domestic and International Levels*, XII 7 and 8g (Third Year).

528. Law and Force in International Politics. Professor Roger Fisher. Five lectures, Michaelmas Term.

For undergraduate and graduate students interested.

Syllabus.—In considering what changes might realistically be sought in the international legal system to improve the pattern of governmental compliance with law, alternative compliance objectives and ways of pursuing them will be examined. Regarding law as one way of organising political forces, such subjects as the veto, the internal enforcement of international rules and the difficulties in influencing a government by threats of punishment will be considered.

Recommended reading will be given at the beginning of the course.

529. The Sociology of International Law. Mr. James. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Sociology of International Law*, XII 7 and 8h (Third Year); 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*.

529(A). The Sociology of International Law (Class). A class will be held weekly by Mr. James in the Michaelmas Term for B.Sc. (Econ.) Part II—*Sociology of International Law*, XII 7 and 8h (Third Year).**530. 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 M.Sc. AND OTHER
GRADUATE STUDENTS**531. 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.**532. International Politics.** A seminar for M.Sc. and first-year graduate students will be held weekly by Professor Goodwin in the Michaelmas Term and by Dr. Northedge in the Lent Term.**533. Foreign Policy Analysis.** A seminar for M.Sc.—International Politics, and The Foreign Policies of the Powers will be held fortnightly in the Lent Term by Mr. Donelan.**534. International Institutions.** A seminar for M.Sc.—International Politics, International Institutions and other graduate students interested will be held weekly in the Michaelmas Term by Professor Goodwin and Mr. James.**535. European Institutions.** A seminar for M.Sc.—European Institutions and other graduate students interested will be held fortnightly in the Lent and Summer Terms by Professor Goodwin and Mr. Pickles.**536. The Commonwealth and the World.** A seminar will be held fortnightly in the Michaelmas and Lent Terms by Professor Goodwin and Professor Miller in conjunction with Chatham House. Admission strictly by invitation.**537. National Attitudes and Foreign Policy.** A seminar for M.Sc.—The Foreign Policies of the Powers and other graduate students interested will be held fortnightly in the Lent and Summer Terms by Dr. Northedge, Dr. Tint and Mr. M. H. Banks; also open to third-year undergraduates.**538. International Communism.** A seminar will be held fortnightly in the Lent and Summer Terms by Mr. G. H. Stern.

539. **The International Politics of South and South-East Asia.** A seminar will be held weekly in the Summer Term by Dr. Lyon.
540. **Foreign Relations of African States.** A seminar for M.Sc. students will be held in the Michaelmas Term by Mr. M. H. Banks.
541. **Strategic Studies.** A seminar for M.Sc.—Strategic Studies and other graduate students will be held weekly in the Michaelmas and Lent Terms by Professor Howard, Mr. Bull and Mr. Windsor.
542. **Politics of Foreign Economic Aid.** A seminar will be held weekly in the Lent Term by Professor Goodwin and Mr. Donelan.
543. **War and Peace in Political Thought.** A seminar for M.Sc.—Theories of International Politics and other graduate students will be held weekly in the Summer Term by Mr. Bull and Dr. Lyon.
544. **Law and Force in International Politics.** A seminar for M.Sc.—International Politics, Strategic Studies and other graduate students will be held weekly in the Summer Term by Professor Roger Fisher and Mr. James.

545. **Contemporary Theories of International Politics.** A seminar will be held fortnightly in the Lent Term by Professor Goodwin and Mr. M. H. Banks for staff and graduate students by invitation.

Note. The attention of graduate students is drawn to the following seminars:—

605. **Pan-Africanism and African Nationalism.** A seminar will be held by Mr. Panter-Brick in the Lent Term.

The Military Policy and Organization of the Powers since 1815. A seminar will be held weekly throughout the session at the Institute of Historical Research by Professor Howard and Mr. Watt.

Reference should also be made to the following sections and courses:—

International Economics.

International History.

- No. 403.—**Public International Law.**
 No. 448.—**Law of International Institutions.**
 No. 459.—**Law of European Institutions.**
 No. 588.—**Politics and Government of the Middle East.**
 No. 589.—**The Politics of European Integration.**

POLITICS AND PUBLIC ADMINISTRATION

560. **British Government: an Introduction to Politics.** Professor Greaves (day). Dr. Donoughue, Mr. Barnes, Mr. Beattie and Mr. Plowden (evening). Sessional.

For B.Sc. (Econ.) Part I.

Syllabus.—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 1a; III 1; IV 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 2; XI 2; XII 2; XIII 2a; XIV 2; XV 2; XVI 2a (Second Year); B.A. Honours in Philosophy and Economics.

Recommended reading will be given at the beginning of the course.

562. **Political Thinkers from Cicero to Marsiglio.** Dr. Morrall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1a; III 1; IV 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 2; XI 2; XII 2; XIII 2a; XIV 2; XV 2; XVI 2a (Third Year).

The writers with whom this course will be concerned are: Cicero, St. Augustine, St. Thomas Aquinas, Dante and Marsiglio of Padua.

563. **Political Thought from Hobbes to Burke.** Mr. Minogue. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1a; III 1; IV 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 2; XI 2; XII 2; XIII 2a; XIV 2; XV 2; XVI 2a (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. F. 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 1a; III 1; IV 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 2; XI 2; XII 2; XIII 2a; XIV 2; XV 2; XVI 2a (Fourth Year).

565. English Constitutional History since 1660. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*English Constitutional History since 1660*, VI 8a; VII 7 and 8b; VIII 3a (Second Year).

Syllabus.—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 and Mr. Barnes. Ten lectures of one-and-a-half hours, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 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. Donoughue. Five lectures of one-and-a-half hours, Lent Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6 (Second Year).

568. The British Parliament. Mr. Panter-Brick. Seven lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6 (Second Year).

Syllabus.—Relations between government and parliament and recent interpretations of the parliamentary system. Problems in connection with ministerial responsibility, the electoral mandate, party discipline, the dissolution of parliament. The choice of Prime Minister: his position in relation to his colleagues; the organisation of the Cabinet. The

House of Commons as a forum of debate, legislature and critic of the Administration. The parliamentary parties: the whips. The position of backbenchers. Problems in connection with parliamentary proceedings; the use of committees; delegated legislation; proposals for reform. The House of Lords.

Recommended reading.—L. S. Amery, *Thoughts on the Constitution*; W. Bagehot, *The English Constitution*; R. Bassett, *The Essentials of Parliamentary Democracy*; A. H. Birch, *Representative and Responsible Government*; J. P. Mackintosh, *The British Cabinet*; H. S. Morrison, *Government and Parliament*; P. G. Richards, *Honourable Members*; A. H. Hanson and H. V. Wiseman, *Parliament at Work*; R. T. McKenzie, *British Political Parties*; K. C. Wheare, *Government by Committee*; B. R. Crick, *The Reform of Parliament*; Hansard Society, *Parliamentary Reforms 1933-1958: A Survey of Suggested Reforms*; P. A. Bromhead, *The House of Lords and Contemporary Politics, 1911-1957*.

569. British Government and Bureaucracy. Professor Self. Ten lectures of one-and-a-half hours, Lent Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6 (Second Year).

Syllabus.—The relation between politics and administration in Britain. The central machinery of government and the factors which influence its structure. Patterns of devolution to public corporations and local authorities. The organisation and character of the British Civil Service. Decision making in Whitehall and the relation of policy making to execution. Administration, interest groups and public opinion. The place of management and financial control in the public service. The influence of science and technology upon British government. The education of administrators. Comparison with other governmental systems.

Recommended reading.—W. J. M. Mackenzie and J. W. D. Grove, *Central Administration in Britain*; F. M. G. Willson, *The Organisation of British Central Government, 1914-56* (Ed. D. N. Chester); S. H. Beer, *Treasury Control*; E. E. Bridges, *The Treasury*; W. A. Robson (Ed.), *The Civil Service in Britain and France*; H. E. Dale, *The Personnel and Problems of the Higher Civil Service*; C. H. Sisson, *The Spirit of British Administration and Some European Comparisons*; K. C. Wheare, *Government by Committee*; F. M. G. Willson (Ed.), *Administrators in Action*; P. J. O. Self and H. J. Storing, *The State and the Farmer*; H. H. Eckstein, *Pressure Group Politics*; C. P. Snow, *Science and Government*; N. Walker, *Morale in the Civil Service*; A. Dunsire (Ed.), *The Making of an Administrator*.

570. Politics and Government of the United Kingdom (Second-Year Class). Mr. Beattie, Dr. Donoughue and Mr. Barnes, Lent Term. Professor Self, Mr. Panter-Brick and Dr. Miliband, Summer Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6.

571. British Political Parties and the Electorate. Mr. Pickles. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6 (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

572. Politics and Government of the United Kingdom (Third-Year Class). Mr. Barnes and Mr. Plowden, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6.

573. The Political Sociology of British Government. Dr. Miliband. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6 (Third Year). Recommended for students taking M.Sc.—Political Sociology.

Syllabus.—An examination of some of the social and economic elements in British society which affect the character and operation of British Government.

Recommended reading will be given at the beginning of the course.

574. Local and Regional Government. Professor Self and Professor Griffith. Sixteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Local Government of England and Wales*, VIII 3g (Second Year); Overseas Service Officers; Diploma in Development 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.

574(A). A class will be held by Mr. Regan in connection with Course No. 574 for B.Sc. (Econ.) Part II—*Local Government of England and Wales*, VIII 3g (Second Year).

575. The Aims and Methods of Governmental Planning. Professor Self. Eight lectures, Michaelmas Term.

For graduate students; Diploma in Development Administration. Optional for B.Sc. (Econ.) Part II—special subject Government; Diploma in Social Administration, including Overseas Option (Second Year); Diploma in Social Administration (One-Year).

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.

576. Administrative Theories and Issues. Professor Self. Six lectures, Summer Term.

For graduate students and others interested.

Syllabus.—An introduction to the theoretical approach to public administration, including concepts of scientific management, organisation theories and administrative sociology. Administrative issues considered in the light of theories.

Recommended reading will be given during the course.

577. Town and Country Planning: its aims, methods and problems. Professor Wise, Professor Self, Dr. Estall and Dr. J. E. Martin. 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 and Region*; 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.

578. Introduction to Political Institutions: France. Mr. Pickles. 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*, VIII 7; *The Politics and Government of a Foreign Country*, VIII 8c (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

579. Introduction to Political Institutions: U.S.S.R. Mr. Reddaway. Five lectures, Michaelmas Term (for the last five weeks of term).

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*: VIII 7 (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

580. Introduction to Political Institutions: U.S.A. Dr. Feaver. 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*, VIII 7 (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

581. Comparative Study of Political Institutions (Second Year).

Professor Schapiro, Mr. Pickles and Mr. Wolf-Phillips. Eight lectures of one-and-a-half hours, Lent and Summer Terms (beginning in the sixth week of the Lent Term).

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

582(A). Comparative Study of Political Institutions (Second-Year Classes). Professor Schapiro, Mr. Pickles and Mr. Wolf-Phillips. Summer Term.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (Second Year).

582(B). Comparative Study of Political Institutions (Third-Year Classes). Professor Schapiro, Mr. Pickles and Mr. Wolf-Phillips will hold classes in the Michaelmas Term.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (Third Year).

583. 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*, VIII 8c (Second Year); M.Sc.—Politics and Government of Africa; 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 and accountability. Law and order, subversion and insurrection. The politics of economic planning. The use and control of foreign aid. The Panafrikan movement; problems of federation and confederation. Inter-state co-operation, both political and economic, in theory and practice. Regional groupings.

Recommended reading.—T. L. Hodgkin, *African Nationalism; African Political Parties*; "A Note on the Language of African Nationalism" (*St. Anthony's Papers*, No. 10); 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); 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); A. R. Zolberg, *One-Party Government in the Ivory Coast*; L. S. Senghor, *On African Socialism*; R. S. Morgenthau, *Political Parties in French-Speaking West Africa*; D. Austin, *Politics in Ghana, 1946-60*; K. Nkrumah, *Africa Must*

Unite; Doudou Thiam, *The Foreign Policy of African States*; W. H. Friedland and C. G. Rosberg (Eds.), *African Socialism*; J. S. Coleman and C. G. Rosberg (Eds.), *Political Parties and National Integration in Tropical Africa*.

584. Politics and Government of New and Emergent States (Third-Year Class). Mr. Panter-Brick. Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of New and Emergent States in former British and French Africa*, VIII 8c.

585. 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*, VIII 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 connection with Course No. 585 in the Michaelmas and Lent Terms by Mr. Pickles.

586. Politics and Government of the U.S.A. Mr. Pole. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign Country*, VIII 8c (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

586(A). A fortnightly class for students in their *third* year will be held in connection with Course No. 586 in the Michaelmas Term by Dr. Feaver.

587. Politics and Government of Russia. Professor Schapiro and Mr. Reddaway. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign Country*, VIII 8c (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

587(A). A weekly class for students in their *second* year will be held in connection with Course No. 587 in the Lent and Summer Terms by Mr. Rosta.

587(B). A fortnightly class for students in their *third* year will be held in connection with Course No. 587 in the Michaelmas and Lent Terms by Professor Schapiro and Mr. Reddaway.

588. Politics and Government of the Middle East. Mr. Kedourie. Ten lectures, Lent Term.

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 Grunebaum, "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).

589. 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 (*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'Etude 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*; Alan Campbell and Dennis Thompson, *The Law of the Common Market*; M. Camps, *Britain and the European Community, 1955-63*; *What Kind of Europe?*

590. Political Thought (Texts). Fifteen classes beginning in the Summer Term for second-year students and continuing in the Michaelmas Term for third-year students.

For B.Sc. (Econ.) Part II—*Political Thought (Set Texts)*, VIII 5.

Plato—Dr. Morrall.

Aristotle—Dr. Morrall.

Marsilius—Dr. Morrall.

Machiavelli—Professor Oakeshott.

Mill—Mr. Thorp.

Hobbes—Mr. Minogue.

Locke—Mr. Cranston.

Rousseau—Mr. Pickles.

Hegel—Mr. Kedourie.

591. Political Philosophy. Mr. Cranston and Dr. Orr. Fifteen lectures, Lent and Summer Terms (beginning in the fifth week of the Lent Term.)

For B.Sc. (Econ.) Part II—*Political Philosophy*, VIII 8a; XII 7 and 8i (i) (Second Year); B.A. Honours in Philosophy and Economics (Second Year).

Syllabus.—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.

591(A). A fortnightly class for students in their *second* year will be held in connection with Course No. 591 in the Lent and Summer Terms by Mr. Cranston.

591(B). A fortnightly class for students in their *third* year will be held in connection with Course No. 591 in the Michaelmas and Lent Terms by Mr. Cranston and Dr. Orr.

592. Contemporary Political Thought. Professor Greaves. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Contemporary Political Thought*, VIII 8b; XII 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, *The 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).

592(A). A fortnightly class for students in their *second* year will be held in connection with Course No. 592 in the Lent and Summer Terms by Professor Greaves, Dr. Miliband and Mr. Thorp.

592(B). A fortnightly class for students in their *third* year will be held in connection with Course No. 592 in the Michaelmas Term by Professor Greaves, Dr. Miliband and Mr. Thorp.

593. Marxism. Dr. Miliband. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Contemporary Political Thought*, VIII 8b; XII 7 and 8i (ii) (Third Year). Recommended for graduate students.

Syllabus.—An examination of the nature 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.

594. The State and Society. Dr. Miliband. Ten lectures, Lent Term.

For M.Sc.—Political Sociology and other 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.

595. Political Stability and Change. Mr. Madian. Five lectures, Michaelmas Term.

For graduate students in political sociology; open to other graduates and to undergraduates; recommended for B.Sc. (Econ.) Part II—*Contemporary Political Thought*, VIII 8b; XII 7 and 8i (ii) (Third Year).

Syllabus.—Explanations of the development of Marxist and Fascist movements and movements for colonial independence in the twentieth century. Current sociological theories of mass society, political participation and mobilisation, class consciousness and “national character” will be examined as they contribute to a theory of mass movements.

Recommended reading.—W. Kornhauser, *The Politics of Mass Society*; K. W. Deutsch, *Nationalism and Social Communication*; P. Selznick, *The Organizational Weapon*; K. Mannheim, *Ideology and Utopia*; G. Lukács, *Geschichte und Klassenbewusstsein*; T. W. Adorno et al., *The Authoritarian Personality*.

596. 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 Fourieristes. 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'Ecole 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*.

597. Russian Political Thought. Mrs. de Kadt. Ten lectures, Lent Term.

For graduate students; open to undergraduates.

Syllabus and **recommended reading** will be given at the beginning of the course.

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.*, VIII 6 (Third Year).

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

M.Sc.

600. History of Political Thought. Professor Oakeshott, Mr. Kedourie, Mr. Cranston, Mr. Minogue and Dr. Orr. Weekly throughout the session.

601. Politics and Government of the United Kingdom. Mr. Thorp, Mr. Beattie, Dr. Donoughue, Mr. Barnes and Mr. Plowden. Weekly throughout the session.

602. **Comparative Government.** Professor Schapiro, Mr. Pickles and Mr. Wolf-Phillips. Fortnightly throughout the session.
603. **Political Sociology** (in conjunction with the Sociology Department).
- (a) **Theories and Concepts of Political Sociology.** Dr. Miliband. Weekly.
- (b) **Mass Movements.** Mr. Madian. Last five weeks of the Michaelmas Term. (Students should also attend Course No. 595).
- (c) **Political Behaviour.** Professor McKenzie. Weekly, Lent and Summer Terms.
604. **Public Administration.** Professor Self. Sessional.
605. **Pan-Africanism and African Nationalism.** Mr. Panter-Brick. Lent Term.
606. **Government and Politics of Nigeria.** Professor Mair, Mr. Panter-Brick and Mr. Dawson. Summer Term.

Note: The attention of graduate students is drawn to the following seminar:

540. **Foreign Relations of African States.** A seminar will be held by Mr. M. H. Banks in the Michaelmas Term.

Other Graduate Seminars

607. **Soviet Problems.** Professor Schapiro will hold a weekly seminar throughout the session on current political problems and on historical questions in the Soviet and Communist orbit for graduates working under his supervision. Others may attend by invitation only.
608. **Seminar.** A seminar will be held for graduate students on a subject to be arranged, by Professor Greaves, in the Michaelmas and Lent Terms.
609. **Problems of Contemporary Socialism.** Dr. Miliband. Weekly, Lent Term. For graduate students in Government and Sociology. Other graduate students may be admitted by permission of Dr. Miliband.

The seminar will study some problems of socialist theory and practice in Western and Communist societies and in countries of the "Third World".

610. **British Public Administration in Theory and Practice.** Professor Self. Michaelmas and Lent Terms. For graduate and other students interested. Recommended for B.Sc. (Econ.) Part II—special subject Government (Third Year). The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.
611. **Comparative Local Government and Planning.** Professor Self. Lent Term.
612. **Theories and Methods of Democratic Planning.** Professor Self. Michaelmas Term.
613. **Problems of Public Enterprise.** Professor Robson. Michaelmas Term. Undergraduate students may be admitted by permission.
614. **Political Structure of the East European Peoples' Democracies.** Mr. Ionescu. Sessional. To study pluralistic forces in monolithic systems.
615. **Marxism after Lenin.** Mr. Madian. Lent Term. For graduate students in political sociology and others interested in contemporary political thought; third-year undergraduate students may be admitted by permission.
- The seminar will study theories of alienation and ideology as they have been used by such Marxist revisionists as Gramsci, Lukács, Kolakowski and Sartre in the criticism of Bolshevik theory and practice and the criticism of such efforts by sociologists such as R. Aron and D. Bell.
616. **The Government and Politics of Canada—Selected Topics.** Professor McKenzie. Summer Term. For graduate students; open to undergraduates.
617. **British Parliamentary Government.** Mr. Panter-Brick and Mr. Beattie. Lent and Summer Terms. The seminar will discuss some of the major problems concerning the functioning of the British parliamentary system of government.

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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B.A. Honours in Anthropology or B.Sc. (Special) Anthropology	pp. 205-6
B.A./B.Sc. (Sociology)	pp. 208-10

(i) General

640. Introduction to Social Anthropology. Professor Mair. Twenty-five lectures, Sessional.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branches I and II (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, incl. Overseas Option (First Year); Diploma in Social Administration, Overseas Option only (One-Year).

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. Dr. Fox. Ten lectures, Michaelmas Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branch II (Second and Third Years); 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. (This course will not be given in the session 1965-66; it will be given in the session 1966-67.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branch II (Second and Third Years); 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 misuse 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 Preliterate Societies. Professor Schapera. Eight lectures, Michaelmas Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branch II (Second and Third Years); 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 preliterate 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. Dr. Benedict. Eight lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branch II (Second and Third Years); 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 or a two-year ancillary subject to a first degree.

Syllabus.—The aim of these lectures is to give an anthropological analysis of the economic systems of primitive and peasant societies. Examples will be taken from African, Asian 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 social relations; economics and ritual; economic structure and political structure; land tenure; trade, exchange and markets; the transition from subsistence to cash economies; systems of saving and credit.

Recommended reading.—M. J. Herskovits, *Economic Anthropology*; 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*; R. Firth, *Malay Fishermen—their Peasant Economy*; R. Firth and B. S. Yamey, *Capital, Saving and Credit in Peasant Societies*; H. M. Gluckman, *Economy of the Central Barotse Plain*; P. Bohannan, "Tiv Exchange and Investment" (*American Anthropologist* Vol. 57, No. 1, 1955); P. Bohannan and G. Dalton (Eds.), *Markets in Africa*; W. Elkan, *Migrants and Proletarians*; T. S. Epstein, *Economic Development and Social Change in South India*.

Other references will be given during the course.

645. Systems of Religion and Magic. Professor Freedman. Ten lectures. (This course will not be given in the session 1965-66; it will be given in the session 1966-67.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branch II (Second and Third Years); 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 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.

646. History of Social Anthropology. Professor Freedman. Ten lectures, Lent Term.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Branch II (Second and Third Years); 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.—The nineteenth-century background of the development of "social anthropology". The early posing and rephrasing of problems in kinship, religion, politics, morals, law and economics. The development of methods. The state of the subject on the eve of the Second World War.

Recommended reading.—R. H. Lowie, *The History of Ethnological Theory*; H. R. Hays, *From Ape to Angel*; T. K. Penniman, *A Hundred Years of Anthropology*; A. R. Radcliffe-Brown, *Method in Social Anthropology* (Ed. M. N. Srinivas); E. E. Evans-Pritchard, *Social Anthropology*; Sol Tax, "From Laitau to Radcliffe-Brown: A Short History of the Study of Social Organization" in F. Eggan (Ed.), *Social Anthropology of North American Tribes* (enlarged edn.); D. G. MacRae, "Darwinism and the Social Sciences" in S. A. Barnett (Ed.), *A Century of Darwin*; F. C. Bartlett et al. (Eds.), *The Study of Society*, Part III.

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), Branch II (Second and Third Years); 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.—J. Beattie, *Other Cultures*; 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*; H. M. Gluckman and E. Devons, *Closed Systems and Open Minds*; 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*; *Le Cru et le Cuit*; L. P. Mair, *New Nations*; R. Needham, *Structure and Sentiment*; M. D. Sahlins, *Moala*; D. M. Schneider and K. Gough, *Matrilineal Kinship*; *The Relevance of Models for Social Anthropology*.

Additional reading will be recommended during the course.

648. Outline of Cultural Anthropology. Dr. Fox. Six lectures, Summer Term.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Branch II (Second and Third Years); 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 brief introduction to the main concepts and findings in the following fields: nature and culture; the nature of culture; the origins of culture. Cultural variation; cultural universals. Cultural change and acculturation; cultural evolution. Culture areas and culture patterns. Culture and personality; language and culture; cross-cultural methods.

Recommended reading.—A. L. Kroeber, *Anthropology*; *Configurations of Culture Growth*; *Cultural and Natural Areas of Native North America*; A. L. Kroeber and C. K. M. Kluckhohn, *Culture: Definitions and Concepts*; L. A. White, *The Science of Culture*; *The Evolution of Culture*; M. D. Sahlins and E. R. Service (Eds.), *Evolution and Culture*; J. H. Steward, *Theory of Culture Change*; R. F. Benedict, *Patterns of Culture*; R. Redfield, *The Folk Culture of Yucatan*; *The Primitive World and its Transformations*; B. Malinowski, *A Scientific Theory of Culture*; C. K. M. Kluckhohn, *Mirror for Man*; J. W. M. Whiting and I. L. Child, *Child Training and Personality*; A. Kardiner, *The Individual and His Society*; R. Linton (Ed.), *Acculturation in Seven American Indian Tribes*; E. H. Spicer (Ed.), *Perspectives in American Indian Culture Change*; B. L. Whorf, *Language Thought and Reality*; H. Hoijer (Ed.), "Language in Culture" (*American Anthropological Assn. Memoirs*, No. 79).

(ii) Regional

649. Social Systems in South-East Asia.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branch II (Second and Third Years); 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.** Sixteen lectures, Lent and Summer Terms. (This course will not be given in the session 1965-66; it will be given in the session 1966-67.)

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. Djamour, *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 Melanan 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.** Professor Freedman. Ten lectures, Lent Term.

Syllabus.—The social organisation and religion 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*; W. H. Newell, *Treacherous River*; Lin Yuch-hwa, *The Golden Wing*; A. J. A. Elliott, *Chinese Spirit-Medium Cults in Singapore*.

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), Branch II (Second and Third Years); 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.** Ten lectures. (This course will not be given in the session 1965-66; it will be given in the session 1966-67.)

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.** Professor Mair. Sixteen lectures, Michaelmas and Lent Terms.

Syllabus.—The course will cover the Bantu peoples of Kenya, Uganda and Rwanda and the Nyakyusa of Tanganyika.

Recommended reading.—M. M. Wilson, *Good Company; Rituals of Kinship among the Nyakyusa; Communal Rituals of the Nyakyusa*; J. Beattie, *Bunyoro: An African Kingdom*; J. J. P. Maquet, *The Premise of Inequality in Ruanda*; J. F. M. Middleton, *The Kikuyu and Kamba of Kenya*; B. Bernardi, *The Mugwe*; K. Oberg, "The Kingdom of Ankole in Uganda" in M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*.

651. Ethnography of South Africa. Professor Schapera. Ten lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branch II (Second and Third Years); 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), Branch II (Second and Third Years); 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.—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; A Guadalcanal Society*; B. Malinowski, *Argonauts of the Western Pacific; Coral Gardens and their Magic, Vol. I; The Sexual Life of Savages*; F. E. Williams, *Orokaiwa Society; Drama of Oroko*; C. S. Belshaw, *Changing Melanesia; The Great Village*; P. M. Worsley, *The Trumpet Shall Sound*; G. Landtman, *The Kiwai Papuans of British New Guinea*; G. J. Held, *The Papuas of Waropen*; L. Pospisil, *The Kapauku Papuans*; G. Bateson, *Naven*; K. O. L. Burridge, *Mambu*; P. Lawrence, *Land Tenure Among the Garia; Road Belong Cargo*; M. O. Reay, *The Kuma*; H. C. Brookfield and P. Brown, *The Struggle for Land*; R. F. Salisbury, *From Stone to Steel*. Students should also consult *Oceania*.

653. Ethnography of Thailand. This course will be given only by special arrangement.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branch II (Second and Third Years); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology; students

taking Social Anthropology (South-East Asia) 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 peoples living in Thailand.

Recommended reading will be given during the course.

654. Social Anthropology (Classes).

(a) Classes will be held throughout the session for students taking B.A. Honours in Anthropology, B.A./B.Sc. (Sociology), Branch II, B.Sc. (Econ.) Part I, alternative subject Principles and Methods of Social Anthropology, B.Sc. (Econ.) Part II, special subject Social Anthropology, and the 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

655. Social Implications of Technological Change. Dr. Benedict. Ten lectures, Michaelmas Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Branch II (Second and Third Years); B.Sc. (Econ.) Part II (Second and Third Years)—*Social Aspects of Political and Economic Development*, VI 8k; XIII 2b, 4; for Overseas Service Officers; Diploma in Social Administration, overseas option only (Second Year and One-Year); the Academic Postgraduate Diploma in Anthropology (Second Year).

Syllabus.—Changes in family life, political structure, economic relations and religion under the influence of western technology. Applied anthropology in relation to problems of education, health, family planning and community development.

Recommended reading.—R. P. Dore, *City Life in Japan* (Section III), F. G. Bailey, *Caste and the Economic Frontier*; I. Schapera, *Christianity and the Tswana*; L. P. Mair, *Studies in Applied Anthropology*; B. D. Paul and W. B. Miller (Eds.), *Health, Culture and Community*; E. H. Spicer (Ed.), *Human Problems in Technological Change*; G. M. Foster, *Traditional Cultures and the Impact of Technological Change*; P. Marris, *Family and Social Change in an African City*; B. Benedict, "Education Without Opportunity" (*Human Relations*, Vol. XI, No. 4, 1958); 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*; A. L. Epstein, *Politics in an Urban African Community*.

Other reading will be suggested in the course of the lectures.

656. Introduction to Applied Anthropology. Dr. H. S. Morris and Dr. Ortiz. Twenty classes, Michaelmas and Lent Terms.

For Diploma in Social Administration, Overseas Option only (First Year and One-Year).

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.

- 657. 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 only (Second Year and One-Year).

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.

(iv) Special

- 658. Peasant Communities in Latin America.** Dr. Ortiz. Six lectures, Summer Term.

Syllabus.—The social, political and economic organization of a number of peasant communities in Latin America and their integration into "national life". Indian-mestizo relations in selected areas.

Recommended reading.—Reading will be recommended during the course.

- 659. Urbanisation in South-East Asia and the Pacific.** Dr. Jayawardena. Four lectures, Summer Term.

Syllabus.—Variations in historical background; rural-urban migration and demographic patterns; family organization; occupational differentiation and systems of social stratification; racial and/or ethnic group relations and their impact on national politics; anthropological contributions to the theory of urban social systems.

Recommended reading.—P. M. Hauser (Ed.), *Urbanisation in Asia and the Far East* (UNESCO Tensions and Technology Series, 1957); A. Spoehr (Ed.), *Pacific Port Cities and Towns*; P. K. Hatt and A. K. Reiss (Eds.), *Cities and Society*; G. Sjoberg, *The Preindustrial City, Past and Present*.

FOR GRADUATE STUDENTS

- 664. Seminar on Anthropological Theory.** A seminar 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. Forge fortnightly 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 Professor 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 Dr. Fox and Dr. Ortiz fortnightly in the Lent and Summer Terms.

- 668. Seminar on Applied Anthropology.** Dr. Benedict will hold a fortnightly seminar in the Michaelmas and Lent Terms.
- 669. Problems of Modern Africa (Seminar).** Professor Gellner, Professor Mair and Professor Schapera will hold a fortnightly seminar for members of the staff and graduate students in the Michaelmas and Lent Terms.
- 670. Seminar on the Anthropological Study of China.** A seminar will be held by Professor Freedman in the Lent Term, if there is sufficient demand.
- 671. Structure of South-East Asian Society.** A seminar on the social problems of South-East Asia will be held by Professor Firth, Professor Freedman and Dr. H. S. Morris in the Lent Term.

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*, X 6 and 7b (Second Year). M.Sc.—Statistics, *Demography*; M.Sc.—Demography.

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*, X 6 and 7b (Third Year); M.Sc.—Statistics, *Demography*. Optional for M.Sc.—Demography. Recommended for other 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 and Dr. Thapar. Twenty-five hours, Sessional.

For B.Sc. (Econ.) Part II—*Demography I*, IX 8a (Second Year); B.A./B.Sc. (Sociology Branch I, 9 and 10e, Branch II, 10b (Second Year); M.Sc.—Demography.

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*, IX 8a; *Demography II*, X 6 and 7b (Second Year); B.A./B.Sc. (Sociology) Branch I, 9 and 10e and Branch II, 10b (Second Year); M.Sc.—Demography; Sociology, *Demography I*. Recommended for other 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, *Oversea Settlement*; Milbank Memorial Fund, *Postwar Problems of Migration*; A. Myrdal, *Nation and Family*; E. Lewis-Fanning, *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*, X 6 and 7b (Third Year) and students taking M.Sc.—Statistics, *Demography*. Optional for M.Sc.—Demography. 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*, X 6 and 7b (Third Year).

FOR GRADUATE STUDENTS

686. The Collection and Analysis of Demographic Data on Underdeveloped Countries. Dr. Blacker and others. Twenty lectures and ten classes, Michaelmas and Lent Terms.

For M.Sc.—Demography.

687. The Detection and Reduction of Errors in Demographic Data. Mr. Carrier and others. Ten lectures and ten classes, Michaelmas Term.

For M.Sc.—Demography.

Syllabus.—Simple plausibility tests. Self-consistency and independent tests. The oblique axis ogive. The treatment of digital preference. Graduation by survivorship ratios. Under-enumeration at young ages and overstatement of age at old ages. Sex ratio tests. Testing birth and death registration.

Recommended reading will be given during the course.

688. Population Trends and Policies (Seminar). Professor Glass. Fortnightly, Sessional.

For M.Sc.—Demography; Sociology, *Demography I*.

689. Design and Analysis of Investigations relating to Fertility and Birth Control. Professor Glass, Dr. Blacker, Dr. Thapar and others. Fortnightly, Lent and Summer Terms.

For M.Sc.—Demography; Sociology, *Demography I*.

PSYCHOLOGY

700. General Course in Psychology. Mr. Hotopf. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part I—Alternative subject to *Psychology*; B.A./B.Sc. (Sociology), Branch I, 5 and Branch II, 10a; B.Sc. (Sociology), Branch III (First Year); Diploma in Social Administration, incl. Overseas Option (First Year and One-Year). Students taking B.Sc. (Econ.) Part II—*Psychology*, IX 8b will attend selected lectures.

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. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I—Alternative subject to *Psychology*; B.A./B.Sc. (Sociology), Branch I, 5 and Branch II, 10a (First Year); Diploma in Social Administration, incl. Overseas Option (First Year and One-Year).

Syllabus and **reading list** to be announced at the beginning of the course.

702. Theories of Personality. Personality Assessment. Professor Himmelweit. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—Optional for *Psychology*, IX 8b (Second Year); B.A./B.Sc. (Sociology), Branch I, 5 and Branch II, 10a (First Year); Diploma in Personnel Management; Diploma in Social Administration, incl. Overseas Option (Second Year and One-Year).

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*, IX 8b (Second Year); B.A./B.Sc. (Sociology), Branch I, 5 (Second Year).

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*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*.

704. General Course in Social Psychology. Professor Himmelweit, Dr. Oppenheim and Mr. Holmes. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Psychology*, IX 8b (Third Year); for B.A./B.Sc. (Sociology), Branch I, 5 (Third Year) and Branch II, 10a (Second Year).

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: D. Krech, R. S. Crutchfield and E. L. Ballachey, *Individual and Society*; T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (three edns.); E. P. Hollander and R. G. Hunt (Eds.), *Current Perspectives in Social Psychology*; S. E. Asch, *Social Psychology*; M. and C. Sherif, *An Outline of Social Psychology* (revised edn.); G. Lindzey, *Handbook of Social Psychology* (selected chaps.); W. W. and W. E. Lambert, *Social Psychology*; T. M. Newcomb, *Social Psychology*; D. Harding, *Social Psychology and Individual Values*.

OTHER BOOKS: R. K. Merton and P. F. Lazarsfeld, *Continuities in Social Research*; R. K. Merton et al. (Eds.), *Sociology Today: Problems and Prospects*; G. C. Homans, *Social Behaviour*; 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* (revised edn.); H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child*; 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*; D. Krech, R. S. Crutchfield and E. L. Ballachey, *Individual in Society*.

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.A./B.Sc. (Sociology) Branch I, 5 and Branch II, 10a (First Year).

708. Social Psychology Classes. Fortnightly classes will be held in the Michaelmas and Lent Terms for B.A./B.Sc. (Sociology) Branch I and for B.Sc. (Econ.) Part II—*Psychology* IX 8b (Second Year).

709. Social Psychology Classes. Classes will be arranged for B.Sc. (Econ.) Part II—*Psychology*, IX 8b (Third Year) and for B.A./B.Sc. (Sociology) Branch II, 10a (Second Year) and Branch I (Third Year).

FOR GRADUATE STUDENTS

710. Psychology Seminar. Professor 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 Michaelmas and Lent Terms.

Syllabus.—The process of attitude formation. Theories of cognitive balance. Decision conflict. Factors making for stability of attitudes and those making for attitude change. Communication theories and their application to social psychological problems.

The assessment of the content and 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. (This course will not be given in the session 1965-66.)

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.** A seminar will be held by Mr. Hotopf, Professor Dore, Dr. Denison and Dr. Fox in the Summer Term. Admission will be by permission of the teachers concerned.

- 715. Research Problems.** Members of the department. A weekly seminar will be held throughout the session.

- 716. Social Psychology of Industrial and other Organisations.** Members of the Department. A seminar will be arranged.

- 717. Personality and Socialisation.** A seminar will be arranged.

- 718. Psychological Study of Groups.** A seminar will be arranged.

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) Branch I, 9 and 10b (Second Year); Diploma in Social Administration, incl. Overseas Option (First Year and One-Year).

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*; T. H. Marshall, *Social Policy*; 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, incl. Overseas Option (Second Year and One-Year). Optional for B.A./B.Sc. (Sociology) Branch I, 9 and 10b (Third Year).

- (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. Abel-Smith, *The Hospitals 1800-1948*.

(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)—Branch I, 9 and 10b; Diploma in Social Administration, incl. Overseas Option (First Year and One-Year).

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 at L.S.E.); M. Bruce, *The Coming of the Welfare State*; A. F. Young and E. T. Ashton, *British Social Work in the Nineteenth Century*; K. Woodroffe, *From Charity to Social Work in England and the United States*; 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*; H. N. Bunbury (Ed.), *Lloyd George's Ambulance Wagon*; 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*; T. H. Marshall, *Sociology at the Crossroads* (Part III); M. P. Hall, *The Social Services of Modern England*; D. C. Marsh, *The Future of the Welfare State*; 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); S. K. Ruck, *London Government and the Welfare Services*; 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). Optional for Diploma in Social Administration, Overseas Option (Second Year and One-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. The future provision of the services. 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.—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. V. 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); *Housing in Greater London* (H.M.S.O. Cmd. 2605, 1965).

Other suggestions for reading will be made by the lecturer.

(f) Aspects of the Penal System. Dr. 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 publications.

Recommended reading.—H. Jones, *Crime and the Penal System* (2nd edn. rev.); H. Jones, *Crime in a Changing Society*; R. Hood, *Sentencing in Magistrates' Courts*; T. P. and P. J. Morris, *Pentonville*; A. Dunlop and S. F. McCabe, *Young Men in Detention Centres*; H. J. Klare, *Anatomy of Prison*; N. Walker, *Crime and Punishment in Britain*.

GOVERNMENT PUBLICATIONS: *Penal Practice in a Changing Society*, 1959 (Cmnd. 645); *Children and Young Persons*, 1960 (*Ingleby Report*, Cmnd. 1191); *The Business of the Criminal Courts*, 1961 (*Streatfeild Report*, Cmnd. 1289); *The Probation Service*, 1962 (*Morison Report*, Cmnd. 1650); *The Organisation of After-Care (ACTO)* 1963; *The War Against Crime in England and Wales*, 1959–64, 1964 (Cmnd. 2296); *Eighth Report on the Work of the Children's Department*, 1961–63 (1964); *The Sentence of the Court*, 1964; *Children and Young Persons, Scotland*, 1964 (*Kilbrandon Report*, Cmnd. 2306).

(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. (a) An Introduction to the Financial Problems of the Social Services.** Professor Abel-Smith. Eight lectures, Lent Term.**(b) Finance of Local Government.** Mr. Davies. Two lectures, Lent Term.

For M.Sc.—Social Administration; Diploma in Social Administration, incl. Overseas Option (Second Year and One-Year). Optional for B.A./B.Sc. (Sociology) Branch I, 9 and 10d (Third Year).

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, the problems of allocating money to different services, the effects of systems of local government finance on expenditure patterns.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

725. Development and Social Administration. Mrs. Hardiman. Eight lectures, Michaelmas Term.

For Diploma in Social Administration Overseas Option only (First Year and One-Year); Overseas Service Officers.

Syllabus.—The administrative framework and the development of social services in low-income countries. Education; sanitation and health; labour and working conditions; housing; social welfare; mutual-aid and co-operation; voluntary organizations.

Recommended reading will be given during the course.

726. Community Development. Mrs. Smith. Ten seminars, Lent Term.

For Diploma in Social Administration, Overseas Option only (First Year and One-Year).

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/SOA/43), *Community Development in Urban Areas* (1961); F. C. Swezey and J. J. Honigmann, "American Origins of Community Development" (*International Review of Community Development*, No. 10, 1962); W. H. and C. V. Wisner, *Behind Mud Walls*, 1930–1960; C. King, *Working with People in Small Communities*; T. R. Batten, *Training for Community Development*.

727. Community Organisation. Mr. Goetschius. Ten seminars, Lent Term.

For Diploma in Social Administration, Overseas Option only (Second Year and One-Year).

Syllabus.—Community Organisation process in social work: skills and techniques. 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*; *Community Organisation: Work in Progress*; 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*; P. Marris, *Family and Social Change in an African City*; J. Spencer, J. Tuxford and N. Dennis, *Stress and Release in an Urban Estate*.

728. Development and Social Administration (Seminar). Mrs. Hardiman, Miss Nevitt and others will hold a seminar throughout the session for students taking the Diploma in Social Administration, Overseas Option (Second Year and One-Year), and for Overseas Service Officers.**729. Introduction to Social Work.**

For Diploma in Social Administration, incl. Overseas Option (First Year and One-Year).

(a) Community Work. Miss Booker. Five lectures, Michaelmas Term (beginning in the sixth week).**(b) Group Work.** Five lectures, Lent Term.**(c) Case Work.** Miss Butrym. Five lectures, Lent Term.

730. Aspects of Social Work. Various lecturers. Ten lectures, Lent Term.

For Diploma in Social Administration, incl. Overseas Option (First Year and One-Year).

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, incl. Overseas Option (First Year and One-Year).

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*; D. W. Winnicott, *The Family and Individual Development*; 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*.

732. The Study of Social Behaviour. Dr. A. P. Sealy. Ten lectures, Lent and Summer Terms (beginning in the third week of the Lent Term).

For Diploma in Social Administration, incl. Overseas Option (First Year and One-Year).

Syllabus.—This course will consider the influence of social and cultural variables on an individual's cognitive behaviour; the development, measurement and change of social attitudes; processes of communication in small groups; leadership and group effectiveness; the analysis of individual behaviour in large social organisations.

Recommended reading.—D. Krech, R. S. Crutchfield and E. L. Bellachey, *Individual in Society*; M. Argyle, *The Scientific Study of Social Behaviour*.

FOR REFERENCE: E. E. Maccoby, T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (3rd edn.); M. and C. W. Sherif, *An Outline of Social Psychology* (revised edn.); T. M. Newcomb, *Social Psychology*.

733. Abnormal Psychology. Mr. Gwynne Jones. Six lectures, Lent Term.

For Diploma in Social Administration, incl. Overseas Option (Second Year and One-Year).

Syllabus and recommended reading will be given at the beginning of the course.

734. Psychological Aspects of Social Work. Mr. Plowman. Eight lectures, Lent and Summer Terms.

For Diploma in Social Administration, incl. Overseas Option (Second Year and One-Year).

Syllabus and recommended reading will be given at the beginning of the course.

735. Elements of Government. Professor Griffith and Dr. Burton. Twenty-five lectures, Sessional.

For B.Sc. (Sociology) Branch III (First Year); Diploma in Social Administration (First Year and One-Year).

736. Seminar on Social Administration. Professor Donnison will hold a weekly seminar for graduate students in the Lent and Summer Terms.

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 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 Diploma in Personnel Management.

Syllabus.—Measurement in Industry: the structure of human abilities, job analysis, selection and training techniques. 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. Zalesnik 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 Diploma in Personnel Management.

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.

For 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 some of the following courses is recommended after discussion with tutors and depending on students' previous studies:—

No. 8.—Introduction to Economics.

No. 20.—The Structure of Industry.

No. 23.—Business Administration: The Organisation of Business Enterprises and Problems of Business Policy.

No. 25.—The Economics of the Labour Market.

No. 170.—Economics for Engineers and Applied Scientists: (c) Business Organisation and Finance.

No. 262.—Introduction to Modern English Economic History.

No. 267.—Industrial History.

No. 348.—Comparative Industrial Relations.

No. 351.—Industrial Relations (Seminar).

No. 352.—Problems in Industrial Relations (Seminar).

No. 353.—Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar).

No. 354.—The Political History of Trade Unions.

No. 355.—Trade Unions in Britain.

No. 415.—Law of Labour and of Social Insurance.

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. 920.—Elementary Statistical Methods.

No. 945.—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* (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, Michaelmas and Lent Terms. Demonstrations 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*; E. W. Anderson, *Psychiatry*.

(b) Special Problems in Psychiatry. Various Lecturers. Five lectures, Lent Term.

775. The Mentally Subnormal. Mr. Mittler. Five lectures, Lent Term.

Syllabus.—The nature, classification and social problem of mental subnormality.

776. Psychology of Family Relations. Lecturer to be announced. 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. Mr. Gwynne Jones. Ten lectures, Summer Term.

Syllabus.—An examination of the cognitive and orectic 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 Bell, Miss Butrym, Miss Elkan, Mr. Myers, 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 M. Malherbe	
Miss S. Parsons	} Maudsley Hospital, Denmark Hill, S.E.5. (Children.)
Mrs. F. Sussenwein	
Miss I. Tamblyn	} Child Guidance Training Centre, 33, Daleham Gardens, N.W.3.
Miss M. Turnbull, B.A.	
Miss M. Weiss, B.A.	
Miss I. Westheimer	
Mrs. K. F. A. Edkins	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, Monoux Building, High Street, E.17.
Mrs. D. Lilley, LL.D.	Queen Elizabeth Hospital for Children, Hackney Road, E.2.
Mrs. A. Schweitzer	} Napsbury Hospital, St. Albans.
Miss M. Swaine, B.A.	
Miss D. Perry	Belgrave Hospital for Children, 1, Clapham Road, S.W.9.

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. Plowman. 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, Sessional.

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. Horder. Ten lectures, Lent Term.

Syllabus.—The course deals with the functions of the various body systems and with the disease processes of these systems in adults. Problems of diagnosis and treatment are presented from the general practitioner's viewpoint.

III. Various medical lecturers. Summer Term. Primarily intended for medical social work students.

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. Professor Donnison and 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. Mrs. Aikin. 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 instrument 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 1963;
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* (Cmd. 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, both in hospitals and in the community.

809. Social Work and the Child Care Service. Mrs. Thomas. 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 adoptive 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 P. Deane	}	Probation Officers, London Probation Service.
Miss G. F. Rawlings		
Mr. T. Burke	}	Probation Officers, Hertfordshire Probation Service.
Mrs. M. Martyr		
Mr. H. Bordeleau	}	Child Care Officers, Children's Department, London Borough of Tower Hamlets.
Mrs. A. M. Cawkwell		
Miss F. E. Ney		
Miss J. Edmonds	}	Child Care Officers, Children's Department, London Borough of Wandsworth.
Miss S. M. Poupard		
Miss U. Behr		Senior Child Care Officer, Children's Department, Essex.
Mrs. H. M. Clare		Child Care Officer, Children's Department, London Borough of Bromley.
Miss M. Johnson		Medical Social Worker, Middlesex Hospital.
Miss P. D. Service		Medical Social Worker, Hammersmith Hospital.
Miss C. Whitby		Medical Social Worker, King's College Hospital.
Miss B. Dickeson	}	Family Caseworkers, Family Welfare Association, London.
Mrs. J. Jordan		
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. Introduction to Sociology (Theories of Society). Professor MacRae. Nineteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Sociology) Branch III (First Year); Diploma in Social Administration, incl. Overseas Option (First Year, Second Year and One-Year). Students reading for the B.A./B.Sc. (Sociology), Branch I or II or the Diploma in Personnel Management attend the first twelve lectures.

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); D. G. MacRae, *Ideology and Society* (Chapters 1-3 and Part II); R. C. Hinkle and G. J. Hinkle, *The Development of Modern Sociology*; W. B. Cameron, *Informal Sociology*; M. Ginsberg, *On Justice in Society*; J. Klein, *Samples from English Cultures* (Vol. I); A. Inkeles, *What is Sociology? An Introduction to the Discipline and Profession*; H. Stuart Hughes, *Consciousness and Society*.

831. The Theories and Methods of Sociology. Dr. Cohen. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Theory and Methods of Sociology*, IX 4 (Second Year); B.A./B.Sc. (Sociology) Branch I, 1 and Branch II, 1 (Second Year); B.A. Honours in Anthropology (Second Year); Academic Diplomas in Anthropology and Psychology (Second Year).

Syllabus.—Nature and roles of sociological theory. Fundamental problems of sociological theory. Main types of theory of social structure, change and development. A critical evaluation of functionalist doctrines, methods and approaches. Varieties of structural explanation and analysis. Philosophical and methodological considerations in assessing the scientific status of theoretical sociology. Objectivity and the sociology of knowledge and science.

Recommended reading.—General: R. K. Merton, *Social Theory and Social Structure*; L. Coser and B. Rosenberg, *Sociological Theory*; L. Gross (Ed.), *Symposium on Sociological Theory*.

Selected texts and commentaries: L. T. Hobhouse, *Morals in Evolution*; 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*; 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*; T. Parsons, *The Social System*; T. Parsons, *Essays in Sociological Theory*; T. Parsons, *Structure and Process in Modern Societies*; M. Black (Ed.), *The Social Theories of Talcott Parsons*; P. M. Blau, *Exchange and Power*; R. Bendix, *Max Weber: An Intellectual Portrait*.

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); G. Zollschan (Ed.), *Explorations in Social Change*.

Sociological methods: J. S. Mill, *A System of Logic* (Book VI "On the logic of the moral sciences"); 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*.

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*, IX 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*, IX 8d (Second Year); B.A./B.Sc. (Sociology)—Branch I, 9 and 10c, and Branch II, 5 (Second Year); B.A. Honours in Anthropology (Second Year); Academic Diploma in Anthropology (First Year).

Syllabus.—An introduction to the study of socially shared belief systems, their institutional aspects and relations with the rest of the social order, and their connexions with conduct.

Recommended reading will be given during the course.

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 Term.

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 3h; III 3g; VI 8g (Second Year); B.A./B.Sc. (Sociology) Branches I and II, 1 (First Year); Diploma in Personnel Management; Diploma in Social Administration, incl. Overseas Option (Second Year and One-Year).

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*; W. E. Moore and B. F. Hoselitz (Eds.), *Industrialisation and Society*; J. S. Slotkin, *From Field to Factory*; E. E. Hagen, *On the Theory of Social Change*; E. A. Gellner, *Thought and Change*; F. Lorimer and others, *Culture and Human Fertility*; L. P. Mair, *New Nations*; E. Kedourie, *Nationalism*; S. E. Finer, *The Man on Horseback*; R. Bendix and S. M. Lipset, *Social Mobility in Industrial Society*; A. M. Ross and P. T. Hartmann, *Changing Pattern of Industrial Conflict*; J. C. Abegglen, *The Japanese Factory*; S. M. Lipset, *The First New Nation*.

The following books are published as paperbacks: E. Chinoy, *Sociological Perspective*; A. Inkeles, *What is Sociology?*; W. E. Moore, *Social Change*; M. Mead (Ed.), *Cultural Patterns and Technical Change*; D. Wrong, *Population*; A. F. Havighurst (Ed.), *The Pirine Thesis*; W. E. Moore, *Economy and Society*; N. J. Smelser, *The Sociology of Economic Life*; W. W. Rostow, *The Stages of Economic Growth*; M. M. Tumin, *Social Stratification: The Forms and Functions of Inequality*; K. B. Mayer, *Class and Society*; W. J. Goode, *The Family*; K. Nottingham, *Religion and Society*; K. Samuelsson, *Religion and Economic Action*; P. M. Blau, *Bureaucracy in Modern Society*; A. Etzioni, *Modern Organisations*; B. R. Clark, *Educating the Expert Society*; V. L. Griffiths, *Educational Planning*.

834(A). Elements of Social Structure I (Classes). Classes will begin in the fifth 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) Branches I and II (First Year).

835. Elements of Social Structure II (Classes).

(a) Five classes will be held in the Summer Term for students in their second year taking B.Sc. (Econ.) Part II—*Elements of Social Structure II*, I 3h; III 3g; VI 8g.

(b) Further classes will be held by Mrs. Hayley 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. (This course will not be given in the session 1965–66.)

For B.A./B.Sc. (Sociology) Branch I, 9 and 10a (Second and Third Years); 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. Mrs. Hayley and Mr. Hopkins. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology), Branch I, 3 and Branch II, 2 (Third Year).

Syllabus.—A comparative analysis of the social institutions of pre-industrial societies, both simple and complex: their political and economic structure, bureaucratic organisation, military organisation, social stratification, systems of social control, kinship, religion and magic.

An analysis of the interrelation of institutions and their structural differentiation; an analysis of the different conceptualisations of society and of institutions and views of social time.

Social persistence and social change, with particular reference to industrialisation.

Recommended reading.—(i) General: K. A. Wittfogel, *Oriental Despotism*; S. N. Eisenstadt, *The Political Systems of Empires*; R. Firth, *Human Types*; G. Lienhardt, *Social Anthropology*.

(ii) Simple Societies: A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage* (Introduction); M. J. Herskovits, *Economic Anthropology*; R. Firth, *Economics of the New Zealand Maori* (Introduction); M. Mauss, *The Gift*; L. P. Mair, *Primitive Government*.

(iii) Caste Society: A. L. Basham, *The Wonder that was India*; J. H. Hutton, *Caste in India*; F. G. Bailey, *Caste and the Economic Frontier*; M. N. Srinivas, *Caste in Modern India and Other Essays*.

(iv) Feudal Societies: F. L. Ganshof, *Feudalism*; M. Bloch, *Feudal Society*; R. Coulborn (Ed.), *Feudalism in History*; D. M. Stenton, *English Society in the Early Middle Ages*.

(v) Complex Pre-Industrial States: P. T. Ho, *The Ladder of Success in Imperial China*; R. M. Marsh, *The Mandarins*; S. E. Finer, *The Man on Horseback*; M. J. Levy, *The Family Revolution in Modern China*; M. Freedman, *Lineage Organization in South-Eastern China*; S. M. Elkins, *Slavery*.

(vi) Industrialising Societies: B. F. Hoselitz and W. E. Moore (Eds.), *Industrialization and Society* (UNESCO 1963); C. Kerr et al., *Industrialism and Industrial Man*; R. Bendix, *Work and Authority in Industry*; N. J. Smelser, *Social Change in the Industrial Revolution*; E. E. Hagen, *On the Theory of Social Change*.

838. Political Sociology. Professor McKenzie. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Political Sociology*, IX 8e (Second Year); B.A./B.Sc. Sociology Branch I, 9 and 10f. 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* (Collier edn. with Foreword by S. M. Lipset); S. Neumann (Ed.), *Modern Political Parties*; S. Eldersveld, *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. W. Polsby et al., *Politics and Social Life*; H. H. Eckstein and D. E. Apter (Eds.), *Comparative Politics*.

N. Macchiavelli, *The Prince*; 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*; R. Rose, *Politics in England*; 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. B. Truman,

The Governmental Process; J. Towster, *Political Power in the U.S.S.R., 1917–1947*; L. Trotsky, *The Revolution Betrayed*; D. R. Matthews, *The Social Background of Political Decision-Makers*; G. A. Almond and S. Verba, *The Civic Culture*; I. de S. Pool et al., *Candidates, Issues and Strategies*; E. Allardt and Y. Littonen, *Cleavages, Ideologies and Party Systems*; J. T. Klapper, *The Effects of Mass Communication*.

839. Graeco-Roman Society. Mr. Hopkins. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) Branch I, 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*.

839(A). Graeco-Roman Society (Class). Mr. Hopkins. Twenty classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) Branch I, 7 and 8b (Second Year). First-year students may also attend the first five classes in the Lent Term.

Syllabus (1965–66).—Special attention will be given to Greek and Roman religion, early Christianity, bureaucracy and the status of women.

840. Environment and Heredity. Professor Glass. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Theory and Methods of Sociology*, IX 4 (Second Year); B.A./B.Sc. (Sociology) Branches I and II (First Year).

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.

841. 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*, IX 6 (Second and Third Years); B.A./B.Sc. (Sociology), Branch I 7 and 8a (Second and Third Years); Diploma in Social Administration (First Year); optional for Diploma in Social Administration (One-Year).

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*; E. J. Hobsbawm, *Labouring Men*; A. M. Carr-Saunders and others, *A Survey of Social Conditions in England and Wales*; *Report of the Royal Commission on Population* (Cmd. 7695); J. A. Banks, *Prosperity and Parenthood*; M. Young and P. Wilmott, *Family and Kinship in East London*; O. R. McGregor, *Divorce in England*; W. Ashworth, *The Genesis of Modern British Town Planning*; 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); Centre for Urban Studies (Ed.), *London: Aspects of Change*; M. Stacey, *Tradition and Change*; 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*; P. Anderson and R. Blackburn (Eds.), *Towards 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*; V. L. Allen, *Power In Trade Unions*; K. Knowles, *Strikes*; R. V. Clements, *Managers*; I. C. McGivering and others, *Management in Britain*; D. V. Glass, *Social Mobility in Britain*; S. M. Miller, "Comparative Social Mobility" (*Current Sociology*, Vol. IX, No. 1); 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. W. B. Douglas, *The Home and the School*; Committee on Higher Education, *Report* (Cmnd. 2154); W. Guttsman, *The British Political Elite*; R. T. McKenzie, *British Political Parties*; M. Harrison, *Trade Unions and the Labour Party*; R. Miliband, *Parliamentary Socialism*; 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* (Cmnd. 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.

842. The Social Structure of Modern Britain: Selected Topics.

Professor Glass and others. Fifteen lectures, Lent and Summer Terms. (This course will not be given in the session 1965-66; it will be given in the session 1966-67.)

For B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, IX 6 (Third Year); B.A./B.Sc. (Sociology) Branch I, 7 and 8a (Third Year).

843. The Social Structure of Modern Britain (Classes).

Classes will be held for B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, IX 6 (Third Year) and for B.A./B.Sc. Sociology, Branch I, 7 and 8a (Second and Third Years).

844. Criminology.

Dr. T. P. Morris. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Criminology*, IX 8c (Second Year); B.A./B.Sc. (Sociology) Branch I, 9 and 10d (Second Year); Diploma in Social Administration (First Year and optional for One-Year); optional for Diploma in Social Administration, Overseas option (First-Year and One-Year).

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* (2nd edn.); 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 Bostals* (Revised edn., 1960); M. Wolfgang et al. (Eds.), *Sociology of Crime and Delinquency*; *Sociology of Punishment and Correction*.

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*; A. K. Cohen and others (Eds.), *The Sutherland Papers*; 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. Trasler, *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 and 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*; D. R. Cressey (Ed.), *The Prison*.

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 (Cmnd. 169); *Committee on Homosexual Offences and Prostitution*, 1957 (Cmnd. 247); *Penal Practice in a Changing Society*, 1959 (Cmnd. 645); *Report of the Committee on Children and Young Persons*, 1960 (Cmnd. 1191); *Committee on the Probation Service*, 1962 (Cmnd. 1650); *Interdepartmental Committee on the Business of*

the *Criminal Courts*, 1961 (Cmnd. 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.

845. Some Theoretical Aspects of Criminology. Dr. Little. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Criminology*, IX 8c (Second Year); B.A./B.Sc. (Sociology) Branch I, 9 and 10d (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

846. The Causes and Treatment of Crime (Class). Weekly classes will be held by Dr. T. P. Morris and Dr. Downes in the Lent Term for students taking B.A./B.Sc. (Sociology) Branch I, 9 and 10d (Second Year), or B.Sc. (Econ.) Part II—*Criminology*, IX 8c (Second Year).

847. Selected Problems of Criminology and Penology. Dr. T. P. Morris. Twelve lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Criminology*, IX 8c (Third Year); B.A./B.Sc. (Sociology) Branch I, 9 and 10d (Third Year). Optional for Diploma in Social Administration incl. Overseas Option (Second Year). Suitable for students who have already attended Course No. 844.

Recommended reading.—As for Course No. 844 above. Further literature will be recommended during the course.

848. The Causes and Treatment of Crime (Seminar). Dr. T. P. Morris will hold a fortnightly seminar in the Michaelmas and Lent Terms for students taking B.A./B.Sc. (Sociology) Branch I, 9 and 10d (Third Year), or B.Sc. (Econ.) Part II—*Criminology*, IX 8c (Third Year).

849. Elementary Philosophy and Ethics. Mr. Newfield. Twenty lectures, Michaelmas and Lent Terms.

FIRST TEN LECTURES for B.Sc. (Econ.) Part II—*Social Philosophy*, VI 8f; VII 7 and 8l (Second Year).

WHOLE COURSE for B.Sc. (Econ.) Part II—*Social Philosophy*, IX 5 (Second Year); B.A./B.Sc. (Sociology) Branch I, 4 and Branch II, 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*; W. Frankena, *Ethics*.

Further reading will be recommended during the lectures.

850. Concepts of Society. Professor Gellner. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Theories and Methods of Sociology*, IX 4 (Third Year); B.A./B.Sc. (Sociology) Branches I and II, 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.

851. Social and Moral Philosophies. Professor Gellner. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (Third Year); B.A./B.Sc. (Sociology) Branch I, 4 and Branch II, 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.

852. Social Philosophy Class. A fortnightly class will be held throughout the session for second-year students taking B.Sc. (Econ.) Part II—*Social Philosophy*, VI 8f; VII 7 and 8l; IX 5.

853. Social Philosophy Classes. Classes will be held for B.A./B.Sc. (Sociology) Branches I and II as follows:

First Year: Thirteen classes.

Second Year: Ten classes.

Third Year: Ten classes.

854. General Sociology Classes. Classes will be held weekly throughout the session for B.A./B.Sc. (Sociology) Branches I and II.

855. Social Research Classes. Weekly classes will be held in the Lent and Summer Terms for first-year students taking B.A./B.Sc. (Sociology) Branch I, 2 and Branch II, 10c.

FOR GRADUATE STUDENTS

M.Sc.—Sociology

860. **Sociological Theory and Social Institutions.** Mr. Hopkins will hold a weekly class for first-year graduate students of sociology preparing to take the departmental qualifying examination.

861. **Sociological Theory.** Dr. Cohen.

862. **Design and Analysis of Social Investigations.** Professor Moser, Mr. Lewis, Dr. Oppenheim and Mr. Westergaard. Two hours per week, Sessional.

For M.Sc.—Sociology, *Methods of Sociological Study*; Statistics, *Survey Methods*. Other graduate students may attend only 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. Sellitz 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*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*.

863. **Social Structure of Industrial Societies.** To be arranged.

864. **Sociology of Education.** Dr. Tropp.

865. **Sociology of Deviant Behaviour I and II.** Dr. T. P. Morris and Dr. Little. Michaelmas and Lent Terms.

Syllabus.—Paper I: Social and Legal concepts of crime; the social dimensions of crime. Positivism in criminology. Psychological theories of crime causation. Delinquent sub-cultures; crime and the family. Crime and socio-economic conditions. The treatment of offenders and the sociology of punishment. The sociology of penal institutions.

Paper II: The concepts of social deviance and social disorganisation. Structural aspects of deviance; age, sex and social class. Social and psychological aspects of suicide and homicide. Social aspects of mental abnormality. Alcoholism and narcotic addiction. Prostitution. Motoring offences and the middle-class law violator.

Recommended reading will be given during the course.

866. **Industrial Sociology.** (This course will not be given in the session 1965–66.)

867. **Social Structure and Social Change.** To be arranged.

868. **Social Structure of Non-Industrial Societies.** (This course will not be given in the session 1965–66.)

869. **Sociology of Development.** Professor Dore, Dr. Tropp, Dr. Little, Mr. Hopkins and others.

870. **Race Relations.** (This course will not be given in the session 1965–66.)

— **Political Sociology** (in conjunction with the Government Department, see Course No. 603).

(a) **Theories and Concepts of Political Sociology.** Dr. Miliband. Weekly.

(b) **Mass Movements.** Mr. Madian. Last five weeks, Michaelmas Term. (Students should also attend Course No. 595.)

(c) **Political Behaviour.** Professor McKenzie. Weekly, Lent and Summer Terms.

Other Graduate Courses

871. **Criminology (Graduate Seminar).** Dr. T. P. Morris will hold a seminar in alternate weeks during the Michaelmas and Lent Terms.

872. **The Social Structure of France.** Dr. Clifford-Vaughan. Ten fortnightly lectures, Michaelmas and Lent Terms.

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.

873. **Social and Demographic Problems in Medicine.** Dr. Douglas. Six lectures, Lent Term.

For graduate students and optional for B.A./B.Sc. (Sociology) Branch I, 8 and 9e (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.

874. Social Structure and Social Change in Latin America. Dr. Tropp. Fifteen lectures, Michaelmas and Lent Terms.

For third-year undergraduate and graduate students.

Syllabus.—Theories of Social Structure and Social Change. Problems of "partial development" and "arrested development". Population and the family. Theories of Latin American personality. Rural structure and rural problems. Urbanisation and industrialisation. Social classes and social mobility. Education. Religion. Politics and government. Unity and diversity of Latin American society. Case studies of social structure, process and change.

Recommended reading will be given during the course.

875. The Social Structure of Modern Japan. Professor Dore. Ten lectures, Michaelmas Term.

For third-year undergraduate 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*.

876. Modern Japanese Society (Seminar). Professor Dore will hold a Seminar in the Lent Term on selected aspects of Japanese social structure.

877. Sociology of Conflict. Mr. de Kadet. Six lectures, Lent Term.

For third-year undergraduate and graduate students.

Syllabus.—An examination of selected problems in sociological theory, primarily dealing with the relationship of social conflict and integration or consensus. Emphasis on the role of ideologies in conflict and on the place of power and authority in social process.

Note.—The attention of graduate students specialising in Sociology is drawn to the following seminars:

- 257. Regional Problems in Latin America (Seminar).** An interdepartmental seminar. Admission by permission.
- 609. Problems of Contemporary Socialism (Seminar).** Held by Dr. Miliband in the Lent Term.
- 666. Seminar on Comparative Social Institutions (Western, Oriental and Primitive).** Held by Professor Freedman, Professor MacRae and Professor Schapera 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. 945.—**The Nature and Sources of Social Statistics.**

No. 946.—**Survey Methods in Social Investigation.**

**STATISTICS, MATHEMATICS, COMPUTATIONAL
METHODS AND OPERATIONAL RESEARCH**

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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*; B.Sc. (Econ.) Part II—*Introduction to Modern Mathematics*, I 2b; III 3i; XVI 2b (Second Year); M.Sc.—Philosophy. 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, First-Year Class. Mr. T. M. F. Smith and Mr. Kalton. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 1(a) *Basic Mathematics*.
The classes will be held in conjunction with Course No. 910.

912. Basic Mathematics, Second-Year Class. Mr. Steuer. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*Introduction to Modern Mathematics*, I 2b; III 3i; XVI 2b (Second Year). The classes will be held in conjunction with Course No. 910.

913. Basic Mathematics, Third-Year Class. Two hours per week, Lent Term.

For B.Sc. (Econ.) Part II—*Introduction to Modern Mathematics*, I 2b; III 3i (Third Year).

914. Intermediate Mathematics. Dr. Maunder. Twenty lectures, Michaelmas and Lent Terms. (This course will be given in both day and evening in 1966-67).

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.

915. Intermediate Mathematics Class. Twenty classes, Sessional (beginning in the third week of the Michaelmas Term).

The Classes will be held in conjunction with Course No. 914.

916. Mathematics A (Second Year). Mr. J. J. Thomas and others. Three hours per week, Michaelmas and Lent Terms.

917. Mathematics A (Third Year). Mr. J. J. Thomas and others. One hour per week, Lent Term.

The course extends over two sessions for B.Sc. (Econ.) Part II—*Mathematics A* I 2c; II 2a; III 3h; V 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*.

918. Mathematics B (Second Year). Mr. Hajnal, Miss Gales and Mr. Garside. Three hours per week, Sessional.

919. Mathematics B (Third Year). Mr. T. M. F. Smith and others. One hour per week, Lent Term.

The course extends over two sessions for B.Sc. (Econ.) Part II—*Mathematics B* I 2d; II 2b; V 2d; X 3; XI 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. Miss Gales and Dr. Maunder. Michaelmas and Lent Terms. Fifteen lectures for day students. Fifteen lectures of one-and-a-half hours, including class work, for evening students. (This course will not be given in the evenings in 1966-67.)

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*, IV 3; V 3 (first ten lectures); *Elements of Management Mathematics*, V 2g (last five lectures); M.Sc.—Economics (First Year); 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. Ilesic, *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 and others. Fifteen classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 920.

922. Statistical Methods (Sociology, Branches I and II).

For B.A./B.Sc. (Sociology) Branch I, 2; Branch II, 10c.

(a) First Year. Miss Gales and Mr. Lewis. Fifteen hours, Lent and Summer Terms.

(b) Second Year. Professor Moser and Mr. Kalton. Ten hours, Michaelmas Term.

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. Ilesic, *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*; L. G. Gotkin and L. S. Goldstein, *Descriptive Statistics*.

923. Statistical Methods (Sociology, Branch III). Mr. Lewis. Twenty-five hours, Sessional.

For B.A./B.Sc. (Sociology) Branch III (First Year).

Syllabus.—The analysis and presentation of statistical data. Attributes and variables and the types of summary measures suitable for each. Averages and measures of dispersion. The analysis of frequency distributions generally.

Statistical inference. The background of sampling theory. The normal distribution. Sampling errors. Testing relationships between variables. Significance tests. Correlation and regression analysis.

Recommended reading as for Course No. 922.

924. Elementary Statistical Theory—I. Mr. T. M. F. Smith (day); lecturer to be announced (evening). Twenty lectures, Michaelmas and Lent Terms. (This course will not be given in the evening in the session 1966-1967.)

For B.Sc. (Econ.) Part I—Alternative subject 2 *Elementary Statistical Theory*; B.Sc. (Econ.) Part II—*Elements of Statistical Theory and Methods*, I 3c; II 3a; V 2c; XI 6 and 7c; XVI 3c (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.).

925. Elementary Statistical Theory—I Class. Mr. T. M. F. Smith and others. 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. 924.

926. Elementary Statistical Theory—II. Dr. Desai. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Elements of Statistical Theory and Methods*, I 3e; II 3a; V 2c; XI 6 and 7c; XVI 3c; *Econometrics*, II 8; X 6 and 7c (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*.

927. Elementary Statistical Theory—II, Third-Year Revision Class. Ten classes, Lent Term.

For B.Sc. (Econ.) Part II—*Elements of Statistical Theory and Methods*, I 3e; II 3a; V 2c; XI 6 and 7c. (Third Year).

928. Introduction to Probability. Mr. T. M. F. Smith. Ten lectures and five classes, Michaelmas Term (to be held in the first five weeks of Term).

For M.Sc.—Operational Research, *Statistical Theory I*; B.Sc. (Econ.) Part II (Second Year)—*Statistical Theory*, II 3b; *Probability, Distribution and Sampling Theory*, X 4; XI 6 and 7c; *Management Mathematics*, II 3c; X 6 and 7d (ii); XI 4; Diploma in Operational Research.

Syllabus.—Discrete sample spaces. Definitions and rules of probability. Elements of combinatorial analysis. Random variables and calculus of expectations. Generating functions. Binomial, Poisson, Hypergeometric, Multinomial, Negative Binomial distributions. Poisson process. Random walks. Markov chains.

Recommended reading.—W. Feller, *An Introduction to Probability Theory and its Applications* (Vol. I); J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications*.

929. Theory of Statistical Distributions. Mr. T. M. F. Smith. Ten lectures and five classes, Lent Term.

For M.Sc.—Operational Research, *Statistical Theory I*; B.Sc. (Econ.) Part II—*Statistical Theory*, II 3b; *Probability Distribution and Sampling Theory*, X 4; XI 6 and 7c (Second Year); Diploma in Operational Research.

Syllabus.—Continuous distribution and density functions. Moments, cumulants, moment and cumulant generating functions. Characteristic functions. The normal distribution. Laws of large numbers. Central limit theorem. Distribution of order statistics. Beta and Gamma distributions. Transformations. t , χ^2 , F distributions. Bivariate normal distribution.

Recommended reading.—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; H. Cramér, *Mathematical Methods of Statistics*.

930. Statistical Methods and Theory. Dr. Brillinger. Twenty lectures, Lent and Summer Terms.

For M.Sc.—Operational Research, *Statistical Theory I*; B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, X 5; *Statistical Theory*, II 3b (Second Year).

Syllabus.—Applications and theory of the normal distribution, statistical tests and procedures, least squares, analysis of variance and covariance, regression and correlation analysis.

Recommended reading.—R. A. Fisher, *Statistical Methods for Research Workers*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* (chaps. 19, 26, 27 and 28); A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; M. H. Quenouille, *Introductory Statistics*; O. L. Davies, *Statistical Methods in Research and Production*.

931. Statistics Practical Class (Second Year). Dr. Brillinger and others. Fifteen classes of one-and-a-half hours, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—Special subjects Statistics and Computational Methods (Second Year).

932. Estimation and Tests of Hypothesis. Dr. Stuart. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Probability, Distribution and Sampling Theory*, X 4; XI 6 and 7c (Third Year).

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.

933. Further Statistical Methods and Theory. Dr. Stuart. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, X 5 (Third Year).

934. Statistics Practical Class (Third Year). Mr. T. M. F. Smith and others. Fifteen classes of one-and-a-half hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects Statistics and Computational Methods (Third Year).

935. Statistical Theory Class. Dr. Stuart. Fifteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Probability, Distribution and Sampling Theory*, X 4; XI 6 and 7c; *Theory of Statistical Methods*, X 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. 945 and 950–54.

For B.Sc. (Econ.) Part II (Second Year)—*Economic Statistics*, I 6; II 6; III 8c; VI 8h; X 6 and 7g; *Economic Statistics and Business Accounts*, IV 3; V 3; *General Statistics*, X 8; XI 8.

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 6; II 6; III 8c; VI 8h; X 6 and 7g; XV 2 (option) (Second Year). The class will be divided into two groups, one mainly non-mathematical, the other more mathematical.

(b) Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Statistics and Business Accounts*, IV 3; V 3 (Third Year). The class will be divided into two groups for those taking special subjects IV and V respectively.

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. Hiersic, *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 6; II 6; III 8c; VI 8h; X 6 and 7g; XV 2 (option) (Third Year).

These classes supplement Course No. 941 (a).

943. General Statistics (Second Year). Professor Moser and Miss Gales. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*General Statistics*, X 8; XI 8 (Second Year).

944. General Statistics (Third Year). Professor Allen. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*General Statistics*, X 8; XI 8 (Third Year). Recommended for graduate students.

945. 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*, X 6 and 7e; XI 6 and 7d (Third Year); B.A./B.Sc. (Sociology) Branch I, 2; Branch II, 10c (Second Year).

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.

946. Survey Methods in Social Investigation. Professor Moser. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) Branch I, 2; Branch II, 10c (First Year); B.Sc. (Econ.) Part I, alternative subject 8 *Methods of Social Investigation*; B.Sc. (Econ.) Part II—*General Statistics*, X 8; XI 8 (Second Year); Diploma in Social Administration (Second and One-Year). Recommended for graduate students.

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*; 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*.

947. Survey Methods in Social Investigation Class. Mr. Lewis. Seven classes, Lent Term.

For B.Sc. (Econ.) Part I—alternative subject 8, *Methods of Social Investigation*.

948. Social Statistics and Survey Methodology Class. Professor Moser. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7e; XI 6 and 7d (Third Year). Recommended for graduate students.

949. Statistical Aspects of Educational Planning. Professor Moser, Mr. Layard and others. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7e; XI 6 and 7d (Third Year). Recommended for graduate students.

Syllabus.—Educational planning in advanced and developing countries. Criteria for priorities. Methods of estimating trends in pupil and student enrolments (at all levels of education). Teacher supply and demand calculations. Computable educational models. Techniques for forecasting manpower needs.

Recommended reading will be given during the course.

950. Labour Statistics. Professor Moser and Mr. Crossley. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7e; XI 6 and 7d (Second Year). Optional for *Economic Statistics*, I 6; II 6; III 8c; VI 8h; X 6 and 7g; XV 2 (option) (Third 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); *Employment Forecasting* (O.E.C.D., 1962); *Manpower Studies No. 1, The Pattern of the Future* (Ministry of Labour, H.M.S.O., 1964); *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).

951. National Income. Mr. Crossley, Dr. Maunder and others. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Statistics*, I 6; II 6; III 8c; VI 8h; X 6 and 7g; XV 2 (option) (Second or Third Year). Recommended for graduate students.

Syllabus.—The concept of the national income and capital. The system of national accounts. Measurements in money and real terms. Capital formation, capital consumption and the measurement of the stock of capital; stock appreciation. Inter-industry relations. The use of national accounting data in short-term economic forecasting. Sources of information and the reliability of estimates: taxation, censuses of population, production, distribution and earnings, company reports, sample inquiries, government accounts.

Recommended reading.—J. R. N. Stone and G. Stone, *National Income and Expenditure*; J. R. N. Stone and G. Croft-Murray, *Social Accounting and Economic Models*; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*; R. Marris, *Economic Arithmetic*; U.K. Central Statistical Office, *National Income and Expenditure* (H.M.S.O., annual);

U.K. Central Statistical Office, *National Income Statistics: Sources and Methods* (H.M.S.O., 1956); United Nations, *A System of National Accounts and Supporting Tables* (revised 1960); R. Stone, *Quantity and Price Indexes in National Accounts* (O.E.E.C., 1956); M. Gilbert and others, *Comparative National Products and Price Levels* (O.E.E.C., 1958); D. Paige and G. Bombach, *A Comparison of National Output and Productivity of the U.K. and the U.S.* (O.E.C.D., 1959); H. Campion, *Public and Private Property in Great Britain*; T. Barna, "The Replacement Cost of Fixed Assets in British Manufacturing Industry in 1955" (*Journal of the Royal Statistical Society*, Series A, Vol. 120, 1957); P. Redfern, "Net Investment in Fixed Assets in the United Kingdom, 1938-53" (*Journal of the Royal Statistical Society*, Series A, Vol. 118, 1955); G. A. Dean, "The Stock of Fixed Capital in the United Kingdom in 1961" (*Journal of the Royal Statistical Society*, Series A, Vol. 127, 1964); W. W. Leontief, *The Structure of American Economy 1919-1939*; T. Barna, "The Interdependence of the British Economy" (*Journal of the Royal Statistical Society*, Series A, Vol. CXV, 1952); R. Stone, *Input-Output and National Accounts* (O.E.C.D., 1961); Board of Trade and Central Statistical Office, *Input-Output Tables for the United Kingdom 1954* (H.M.S.O., 1961); International Association for Research in Income and Wealth, *Income and Wealth*, Series I and VIII; National Institute of Economic and Social Research, *Economic Review*; London and Cambridge Economic Service, *Bulletin*. Also current official publications and periodicals.

Further reading will be recommended during the course.

952. Production Statistics. Mr. Crossley. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Economic Statistics*, I 6; II 6; III 8c; VI 8h; X 6 and 7g (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); O.E.C.D. Quarterly, *Productivity Measurement Review*; 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*; J. W. Hendrick, *Productivity Trends in the United States*.

Further reading will be recommended during the course.

953. International Trade and Balance of Payments. Professor Allen. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Economic Statistics*, I 6; II 6; III 8c; VI 8h; X 6 and 7g (Second 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*.

954. Time Series and Forecasting. Mr. J. J. Thomas. Eight lectures, Lent Term.

Optional for B.Sc. (Econ.) Part II—*Econometrics*, X 6 and 7c; *Economic Statistics*, I 6; II 6; III 8c; VI 8h; X 6 and 7g (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.

955. Sample Survey Theory. Mr. Kalton. Six lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7e, XI 6 and 7d (Second Year); *Theory of Statistical Methods*, X 5. Recommended for graduate students.

Further treatment of sample survey theory is provided in Course No. 981.

Syllabus.—Simple random sampling; stratification; multi-stage sampling. Optimum allocation for given cost function. Selection with unequal probabilities.

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*; L. Kish, *Survey Sampling*.

956. Compound Interest. Mr. Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Actuarial Statistics*, X 6 and 7a (Second Year).

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*, X 6 and 7a (Second Year).

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. I; 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*, X 6 and 7a (Third Year).

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 AND OPERATIONAL RESEARCH

960. Introduction to Computing. Professor Foster, Mr. Flower and Mr. Garside. Thirty lectures, Sessional. (Three lectures per week in the first two weeks of the Michaelmas Term.)

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, X 6 and 7d (i); XI 5; *Data Processing including Elements of Accounting*, XI 6 and 7b (Second Year); M.Sc.—Operational Research, *Automatic Data Processing*; Diploma in Operational Research.

Syllabus.—Functional description of a computer; representation of data. Principles of programming; instructions; decisions; loops; instruction modification. Algorithms; flow charts; decision tables; subroutines. Instruction formats; fixed and variable word length. Symbolic programming. Automatic programming; assemblers; compilers; interpretive routines.

Fixed and floating point arithmetic. Error analysis. Generation of elementary functions. Random number generation; Monte Carlo methods. Interpolation. Quadrature. Solution of linear equations; inversion of matrices. Multiple regression analysis; analysis of variance.

File organisation; searching; sorting; merging. List processing.

Recommended reading.—R. S. Ledley, *Programming and Utilising Digital Computers*; B. A. Galler, *The Language of Computers*; B. R. Morton, *Numerical Approximation*; A. Ralston and H. S. Wilf, *Mathematical Methods for Digital Computers*; J. M. Hammersley and D. C. Handscomb, *Monte Carlo Methods*; F. P. Brooks and K. E. Iverson, *Automatic Data Processing*; R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*.

961. Autocoder and Fortran. Mr. Garside. Twenty-five lectures, Sessional (beginning in the third week of the Michaelmas Term; two lectures per week in the third and fourth weeks of the Michaelmas Term).

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, X 6 and 7d (i); XI 5; *Data Processing including Elements of Accounting*, XI 6 and 7b (Second Year); M.Sc.—Operational Research, *Automatic Data Processing*; Diploma in Operational Research.

Syllabus.—The syntax of the I.B.M. Autocoder and Fortran systems for the 1400 series computers.

Recommended reading.—The relevant manuals will be available for hire at the beginning of the course.

962. Systems Analysis. Professor Foster. Seven lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Data Processing including Elements of Accounting*, XI 6 and 7b (Third Year); M.Sc.—Operational Research, *Automatic Data Processing*; Diploma in Operational Research.

Syllabus.—General principles of management information systems with special reference to computerised systems. Incorporation of techniques of optimisation in data systems. One or two particular applications will be analysed in detail.

Recommended reading.—R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*.

963. Computational Methods, Second-Year Class. Professor Foster and Mr. Garside. Twenty-five hours, Sessional (beginning in the fifth week of the Michaelmas Term). These classes will be held in conjunction with Courses Nos. 960 and 961, and will involve practical work on the School's IBM 1440 computer.

964. Computational Methods, Third-Year Class. Professor Foster and Mr. Garside. Twenty hours, Michaelmas and Lent Terms. In these classes, third-year students taking B.Sc. (Econ.) special subject Computational Methods will select and work on one extended practical project in computing or data processing.

965. Advanced Computing Class. Professor Foster, Mr. Flower and Mr. Garside. Fifteen hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, X 6 and 7d (i); XI 5; *Data Processing including Elements of Accounting*, XI 6 and 7b (Third Year).

966. Introduction to Management Mathematics (Second Year). Professor Foster. Fifteen lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Elements of Management Mathematics*, V 2g; *Management Mathematics*, II 3c; X 6 and 7d (ii), XI 4; *General Statistics*, X 8; XI 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*.

967. Introduction to Management Mathematics (Third Year). Mr. Howard. Five lectures and five classes, Lent Term.

For B.Sc. (Econ.) Part II—*Elements of Management Mathematics*, V 2g (Third Year).

968. Management Mathematics. Professor Foster and Mr. Murchland. Thirteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Management Mathematics*, II 3c; X 6 and 7d (ii), XI 4 (Third Year); M.Sc.—Operational Research, *Stochastic Processes and Applications*; 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. Yaspan and L. Friedman, *Operations Research*; R. B. Fetter and W. C. Dalleck, *Decision Models for Inventory Management*; R. A. Howard, *Dynamic Programming and Markov Processes*; K. J. Arrow, S. Karlin and H. Scarf, *Studies in the Mathematical Theory of Inventory and Production*; K. J. Arrow, S. Karlin and H. Scarf (Eds.), *Studies in Applied Probability and Management Science*; R. Bellman, *Dynamic Programming*; R. D. Luce and H. Raiffa, *Games and Decisions*; P. Massé, *Optimal Investment Decisions*; K. D. Tocher, *The Art of Simulation*.

969. Management Mathematics, Third-Year Class. Professor Foster and others. Ten classes, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—*Management Mathematics*, II 3c; X 6 and 7d (ii); XI 4 (Third Year).

970. Mathematical Programming. Dr. Land and Dr. Morton. Fifteen lectures, Michaelmas and Lent Terms.

Whole course for B.Sc. (Econ.) Part II—*Management Mathematics*, II 3c; X 6 and 7d (ii); XI 4 (Second Year). **First ten lectures optional** for B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8d; II 7; IV 8d; V 2f (Third Year); X 1b; XI 1b (Second Year); *Econometrics* X 6 and 7c; *General Statistics*, X 8; XI 8 (Second 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*; K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm*.

971. Mathematical Programming Class. Dr. Land, Dr. Morton and others. Twenty classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 970.

972. Theory of Games. Dr. Morton. Five lectures, Lent Term.

For M.Sc.—Operational Research, *Mathematical Programming*; Diploma in Operational Research. Optional for B.Sc. (Econ.) Part II—*General Statistics*, X 8; XI 8; *Econometrics* X 6 and 7c; *Economics Treated Mathematically*, I 8d; II 7; IV 8d; V 2f; X 1b, XI 1b (Third Year). Recommended for graduate students.

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*.

(e) GRADUATE COURSES

973. Advanced Probability. Professor Foster. Ten lectures, Michaelmas Term. (Two lectures each week beginning in the sixth week of the Michaelmas Term.)

For M.Sc.—Statistics, *Statistical Theory II*; Operational Research, *Stochastic Processes and Applications*; *Statistical Theory II*; Diploma in Operational Research.

Syllabus.—Probability and measure theory. Random variables. Expected values. Generating functions. Characteristic functions. Limit theorems including the laws of large numbers and central theorems.

Recommended reading.—W. Feller, *An Introduction to Probability Theory and its Applications*; H. R. Pitt, *Integration, Measure and Probability*; B. V. Gnedenko, *The Theory of Probability*.

974. Stochastic Processes. Mr. Hajnal. Fifteen lectures, Lent and Summer Terms.

For M.Sc.—Statistics, *Statistical Theory II*; Operational Research, *Statistical Theory II*; Diploma in Operational Research. Optional for M.Sc.—Operational Research, *Stochastic Processes and Applications* and Diploma in Operational Research.

975. Probability and Stochastic Processes Class. Lecturer to be announced. Twenty classes, Sessional.

The classes will be held in conjunction with Courses Nos. 928, 973 and 974.

976. Introduction to the Theory of Sets and Metric Spaces and its Applications. Mr. Foldes. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—Econometrics, *Advanced Economic Analysis*; Philosophy, *Mathematical Logic I*. Optional for M.Sc.—Statistics, *Statistical Theory II*; Operational Research, *Statistical Theory II*.

Syllabus.—The course presents an introduction to the elementary theory of sets and metric spaces, with applications to existence problems in economics and statistics. The topics covered will probably be selected from the following:

(a) Mathematical background: elementary properties of sets and functions. Ordering, cardinal numbers. Metrics, open and closed sets, limits, continuity. Compact and connected sets in metric spaces. Linear and affine spaces, subspaces and functions. Inner products and norms. Convex sets. Separating hyperplanes. Simplexes. Fixed points.

(b) Applications: existence of competitive equilibrium. Existence of equilibrium in games. Complete classes of decision procedures. Existence of dual prices in non-linear programming.

Recommended reading.—(a) Basic reading: The relevant sections of A. N. Kolmogorov and S. V. Fomin, *Elements of the Theory of Functions and Functional Analysis*, Vol. I, or K. Kuratowski, *Introduction to Set Theory and Topology*, or P. S. Alexandroff, *Einführung in die Mengenlehre und die Theorie der reellen Funktionen*. Also D. Gale, *The Theory of Linear Economic Models*, Chap. II, or relevant sections of P. R. Halmos, *Finite-Dimensional Vector Spaces*.

Further references: W. Fenchel, *Convex Cones, Sets and Functions*, esp. chap. II, S.6; L. S. Pontriagin, *Outlines of Combinatorial Topology*, S. 1–10; J. Dieudonné, *Foundations of Modern Analysis*.

(b) On applications: G. Debreu, *Theory of Value*; J. F. Nash, "Non-co-operative Games" (*Annals of Mathematics*, 1951); A. Wald, *Selected Papers in Statistics and Probability*, pp. 647–667; H. W. Kuhn and A. W. Tucker, "Nonlinear Programming" (*Second Berkeley Symposium on Mathematical Statistics and Probability*).

977. Statistical Inference. Dr. Brillinger. Twenty-five lectures, Sessional.

For M.Sc.—Statistics, *Statistical Theory III*.

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*.

978. Statistical Theory Class. Dr. Stuart and Dr. Brillinger. Fifteen classes, fortnightly throughout the session.

The classes will be held in conjunction with Course No. 977.

979. Multivariate Analysis. Dr. Wagle. Twenty lectures, Michaelmas and Lent Terms.

Whole course for M.Sc.—Statistics, *Statistical Theory III*. **First ten lectures optional** for M.Sc.—Statistics, *Design and Analysis of Statistical Investigation*; Operational Research, *Design and Analysis of Statistical Investigation*.

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*.

980. Advanced Statistical Methods. Mr. J. J. Thomas and Mr. Kalton. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.—Statistics, *Design and Analysis of Statistical Investigation*; Operational Research, *Design and Analysis of Statistical Investigation*.

Syllabus.—Analysis of variance and covariance. Regression and correlation analysis. Categorical data. Distribution-free tests.

Recommended reading.—M. H. Quenouille, *Associated Measurements*; G. W. Snedecor, *Statistical Methods*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II; M. G. Kendall, *Rank Correlation Methods*.

981. Further Sample Survey Theory. Lecturer to be announced. Eight lectures, Lent and Summer Terms (beginning in the seventh week of the Lent Term).

NOTE.—This course is a continuation of Course No. 955.

For M.Sc.—Statistics, *Design and Analysis of Statistical Investigation*; Operational Research, *Design and Analysis of Statistical Investigation*. Optional for B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7e; XI 6 and 7d (Second Year).

Syllabus.—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*; M. R. Sampford, *An Introduction to Sampling Theory*; P. V. Sukhatme, *Sampling Theory of Surveys with Applications*.

982. Experimentation. Mr. T. M. F. Smith. Ten lectures, Lent Term.

Optional for M.Sc.—Statistics, *Design and Analysis of Statistical Investigation*; Operational Research, *Design and Analysis of Statistical Investigation*.

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*.

983. Time-Series Analysis. Professor Sargan. Ten lectures, Michaelmas Term.

For M.Sc.—Econometrics, *Econometric Theory*; Statistics, *Econometric Theory*; Operational Research, *Econometrics*. Optional for M.Sc.—Statistics, *Design and Analysis of Statistical Investigation*; Operational Research, *Design and Analysis of Statistical Investigation*.

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.).

984. Advanced Statistical Methods for Econometrics. Professor Sargan. Fifteen lectures, Lent and Summer Terms.

For M.Sc.—Econometrics, *Econometric Theory*; Statistics, *Econometric Theory*; Operational Research, *Econometric Theory*.

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*; A. S. Goldberger, *Econometric Theory*.

985. Statistical Analysis, Practical Class. Mr. Garside and others will hold a series of classes throughout the session.

For M.Sc.—Statistics, *Practical Work*.

Projects will be given for students to work upon in their own time. The results from these will subsequently be discussed.

986. Management Mathematics, Graduate Class. Professor Foster and others. Ten classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 968.

For M.Sc.—Operational Research, *Stochastic Processes and Applications*; Diploma in Operational Research.

987. Mathematical Programming, Graduate Course. Dr. Land and Dr. Morton. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—Econometrics, *Mathematical Programming*; Operational Research, *Mathematical Programming*; Statistics, *Mathematical Programming*; Diploma in Operational Research.

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*; G. B. Dantzig, *Linear Programming and Extensions*; R. L. Graves and P. Wolfe (Eds.), *Recent Advances in Mathematical Programming*.

988. Mathematical Programming, Graduate Class. Dr. Morton and Mrs. Farbey. Twenty classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 987.

989. Economics for Operational Research. Dr. Morton. Ten lectures, Lent Term. (This course will not be given in the session 1965–66).

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.

990. Selected Topics in Operational Research. Dr. Morton and others. Ten lectures, Lent Term.

For M.Sc.—Operational Research, *Operational Research Methods*; Diploma in Operational Research.

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.

991. Tutorial Class in Operational Research. Professor Foster, Dr. Land and Dr. Morton. Sessional.

For M.Sc. and 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.

992. Introduction to Factor Analysis. Mr. Kalton. Five lectures, Summer Term.

Syllabus.—Centroid analysis. Principal axes analysis. Orthogonal and oblique solutions. Maximum likelihood estimates of factor loadings.

Recommended reading.—D. N. Lawley and A. E. Maxwell, *Factor Analysis as a Statistical Method*; H. H. Harman, *Modern Factor Analysis*; L. L. Thurstone, *Multiple-Factor Analysis*.

993. Statistical Techniques in Survey Analysis. Mr. Kalton. Fifteen lectures, Lent and Summer Terms.

For graduate students in Sociology, 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*; M. G. Kendall, *Rank Correlation Methods*.

994. Statistical Methods in Accounting. Mr. T. M. F. Smith. Ten hours, Lent and Summer Terms.

For first-year graduate students in Accounting.

995. Statistics Seminar. Professor Allen and Professor Moser will hold a fortnightly seminar throughout the session. Admission will be by permission of Professor Allen or Professor Moser.

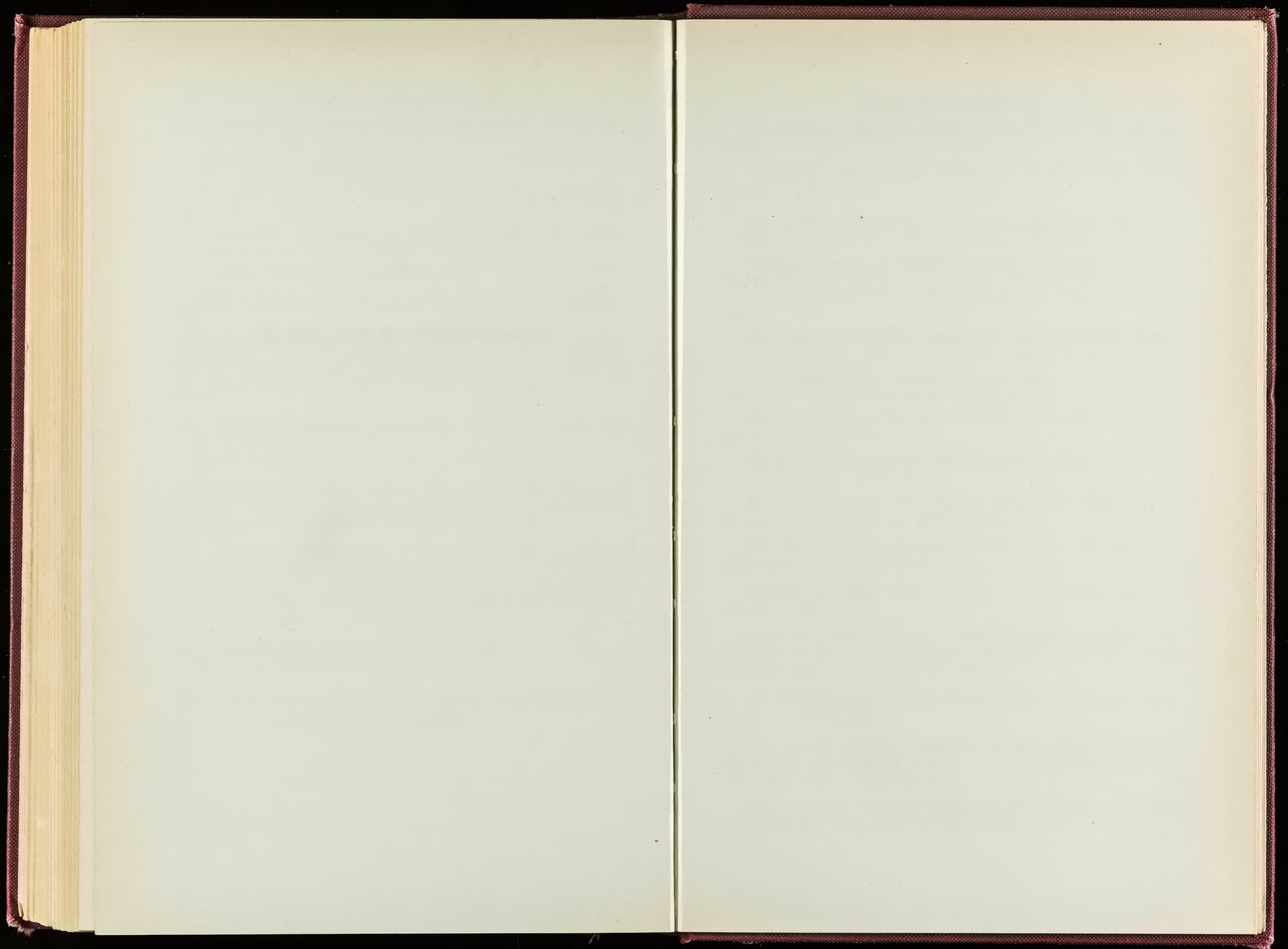
996. Joint Statistics Seminar. A fortnightly seminar on statistical theory and its applications will be held in conjunction with Birkbeck College, Imperial College and University College throughout the session. Further information about the seminar may be obtained from Mr. Stuart.

997. Operational Research Seminar. Dr. Morton.

For M.Sc. and Diploma in Operational Research.

Note: *M.Sc. students in Statistics are also referred to the following course:*
No. 862.—**Design and Analysis of Social Investigations.**

PUBLICATIONS OF THE SCHOOL



The Habitual Criminal. NORVAL MORRIS. 1951; viii, 396 pp. Cloth, 27s. 6d. net.

Democracy and Foreign Policy. R. BASSETT. 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. E. R. LEACH. 1954. *Reprinted* with new introductory note by the author, 1964; xviii, 324 pp. Paper Cover, 21s. net.

The Contracts of Public Authorities: A Comparative Study. J. D. B. MITCHELL. 1954; xxxii, 256 pp. Cloth, 25s. net.

The Origin of the Communist Autocracy. L. B. SCHAPIRO. 1955; *Reprinted* 1956; xvii, 397 pp. Cloth, 35s. net.

The Economics of Sir James Steuart. S. R. SEN. 1957; viii, 207 pp. Cloth, 25s. net.

British Monetary Experiments, 1650-1710. J. KEITH HORSEFIELD. 1960; xix, 344 pp. Cloth, 45s. net.

Samuel Bailey and the Classical Theory of Value. R. M. RAUNER. 1961; vii, 162 pp. Cloth, 30s. net.

The Nature of International Society. C. A. W. MANNING. 1962; xi, 220 pp. Cloth, 30s. net.

Opinion on Bank Rate, 1822-60. 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. H. A. DE S. GUNASEKERA. 1962; xi, 324 pp. Cloth, 45s. net.

The Management of Capital Projects. R. J. S. BAKER. 1963; x, 270 pp. Cloth, 42s. net.

The History of the Foundation of the London School of Economics and Political Science. SIR SYDNEY CAINE, K.C.M.G. 1963; viii, 103 pp. Cloth, 20s. net.

Labour in the Tropical Territories of the Commonwealth. B. C. ROBERTS. 1964; xviii, 426 pp. Cloth, 45s. net.

Government in Rural India: An Introduction to Contemporary District Administration. DAVID C. POTTER. 1964; x, 104 pp. Cloth, 21s. net.

Welfare Economics and the Theory of the State. Professor WILLIAM J. BAUMOL. 1952; Second Edition 1965, with a long new *Introduction: Welfare and the State Revisited.* x, 214 pp. Cloth, 30s. net.

Classical Political Economy and Colonies. DONALD WINCH. 1965; vi, 186 pp. Cloth, 30s. net.

Sociology and Philosophy: A Centenary Collection of Essays and Articles. L. T. HOBHOUSE. With a *Preface* by Sir Sydney Caine and an *Introduction* by Morris Ginsberg. 1965; 368 pp. *In preparation.*

The following study was published for the School (not in the New Series) by Oliver and Boyd, from whom copies can be obtained.

A Career for Women in Industry? NANCY SEEAR, VERONICA ROBERTS and JOHN BROCK. 1964; 100 pp. Cloth, 15s. 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. 18s. 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. 12s. 6d. net.

Routledge and Kegan Paul Ltd.

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 A. C. L. Day, Professor E. Devons, Professor H. C. Edey, Professor F. J. Fisher, Professor A. W. Phillips, Lord Robbins, Professor J. D. Sargan, Professor R. S. Sayers, and Professor B. S. Yamey (Acting Editor), with Mr. M. H. Peston 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 Dr. Terence Morris, to whom all editorial communications should be addressed. The Editorial Board consists of Professor Freedman, Professor Gellner, Professor Glass, Professor MacRae 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 Editor is Mr. K. E. Thurley. The Editorial Committee includes Sir Sydney Caine, Professor E. H. Phelps Brown, 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, Professor O. Kahn-Freund (Oxford University); Professor T. Lupton (University of Leeds); Professor D. J. Robertson (University of Glasgow); Dr. Alec Rodger (Birkbeck College); Professor J. H. Smith (University of Southampton); Mr. E. Trist (Tavistock Institute of Human Relations) and Professor H. A. Turner (Cambridge University).

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; postage included.

iv. Publications of the School (New Series)

The following publications (originally published for the School by Longmans, Green & Co., Ltd.) are now obtainable from the School:

The Rubber Industry—A Study in Competition and Monopoly. P. T. BAUER. 1948; xiv, 404 pp. Cloth, 25s. net.

British Broadcasting—A Study in Monopoly. R. H. COASE. 1950; x, 206 pp. Cloth, 21s. net.

28. Essays on Social Organization and Values. By Raymond Firth. 1964; viii, 326 pp. 40s. net. In the press.

29. Malaya Peasant Society in Jelebu. By MICHAEL SWIFT. 1965; x, 181 pp. with a map. Cloth, octavo, 30s. net.

30. Saints and Fireworks: Religion and Politics in Rural Malta. By JEREMY BOISSEVAIN. 1965; xii, 152 pp., with plates and a map. Cloth, octavo, 35s. net.

31. The Muslim Matrimonial Court in Singapore. By JUDITH DJAMOUR. In press.

32. Kinship and Economic Organisation in Rural Japan. By CHIE NAKANE. In press.

vii. Papers in Soviet and East European Law, and Economics and Politics

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.)

viii. Greater London Group

Greater London Papers.

These papers are published by the Greater London Group at the London School of Economics and Political Science, from whom copies should be ordered. In initiating this series it is the Group's belief that some of the research and thinking on the problems of metropolitan government and the more general aspects of local government in large urban areas will be of interest to others.

1. Education in Greater London. A. V. JUDGES. 1961, 20 pp. 3s. 6d. net.

2. **Theories of Local Government.** W. J. M. MACKENZIE. 1961, 20 pp. 3s. 6d. net.
3. **The Greater London Boroughs.** W. A. ROBSON. 1961, 16 pp. 3s. 6d. net.
5. **Health, Welfare and Democracy in Greater London.** D. V. DONNISON. 1961, 24 pp. 3s. 6d. net.
6. **Transport in Greater London.** ERNEST DAVIES. 1961, 16 pp. 3s. 6d. net.
7. **Town Planning in Greater London.** P. J. O. SELF. 1961, 24 pp. 3s. 6d. net.
8. **A Metropolis Votes.** L. J. SHARPE. 1963, 96 pp. 6s. net.
9. **The Heart of Greater London.** W. A. ROBSON. 1965, 38 pp. 5s. od. net.
10. **Research in Local Government: The role of the Research and Intelligence Unit of the G.L.C.** L. J. SHARPE. *In preparation.*

ix. Occasional Papers on Social Administration

This series of papers is published by G. Bell & Sons Ltd., on behalf of the Social Administration Research Trust. The editorial committee of the Trust is under the Chairmanship of Professor R. M. Titmuss. The following volumes are in print and others are in preparation.

2. **Councils' Committees and Concern for the Old.** KATHLEEN M. SLACK. 1960, 160 pp. 7s. 6d. net.
4. **The Economic Circumstances of Old People.** DOROTHY COLE with JOHN UTTING. 1962, 140 pp. 12s. 6d. net.
6. **Nutrition in Britain, 1950-1960.** ROYSTON LAMBERT. 1964, 48 pp. 7s. 6d. net.
7. **Deafness and Public Responsibility.** PETER GREGORY. 1964, 56 pp. 7s. 6d. net.

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. 25s. 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.

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.*

vi. 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:

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 only from the International African Institute.*)
7. **Housekeeping Among Malay Peasants.** By ROSEMARY FIRTH. 1943; 208 pp., with maps, diagrams and illustrations. Paper bound, quarto, 10s. net. Revised edition, cloth, octavo, in press.
11. **The Ethnic Composition of Tswana Tribes.** By I. SCHAPERLA. 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, 25s. 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. Reprinted, 1965, paper, 12s. 6d. net.
18. **Lineage Organization in South-Eastern China.** By MAURICE FREEDMAN. 1958; xii, 154 pp., with map and diagrams. Cloth, octavo, 25s. net. Reprinted with corrections, 1965, paper, 12s. 6d. net.
19. **Political Leadership among Swat Pathans.** By FREDRIK BARTH. 1959; vii, 146 pp., with maps and diagrams. Cloth, octavo, 25s. net. Reprinted, 1965, paper 12s. 6d. net.
20. **Social Status and Power in Java.** By LESLIE A. PALMIER. 1960; x, 172 pp., with maps and diagrams. Cloth, octavo, 30s. net.
21. **Malay Kinship and Marriage in Singapore.** By JUDITH DJAMOUR. 1959; 151 pp., with diagrams. Cloth, octavo, 25s. net. Reprint with corrections, 1965, paper, 12s. 6d. net.
22. **Rethinking Anthropology.** By E. R. LEACH. 1961; vii, 143 pp., with diagrams. Cloth, octavo. 2nd impression 1963, 21s. net.
23. **Marsh Dwellers of the Euphrates Delta.** By S. M. SALIM, 1962; x, 157 pp., with maps, diagrams and plates. Cloth, octavo. 30s. net.
24. **Legal Institutions in Manchu China.** By SYBILLE VAN DER SPRENKEL. 1962; viii, 178 pp., with maps and diagrams. Cloth, octavo. 30s. net.
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 HOGGIN. 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. net.

2. **Reason and Experience in Ethics.** MORRIS GINSBERG. 1956, pp. 44. Cloth. 6s. net.
5. **A Rational Animal.** GILBERT RYLE. 1962, pp. 25. Paper. 5s. net.
6. **Man as a Subject for Science.** A. J. AYER. 1964, pp. 26. Paper. 5s. net.

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