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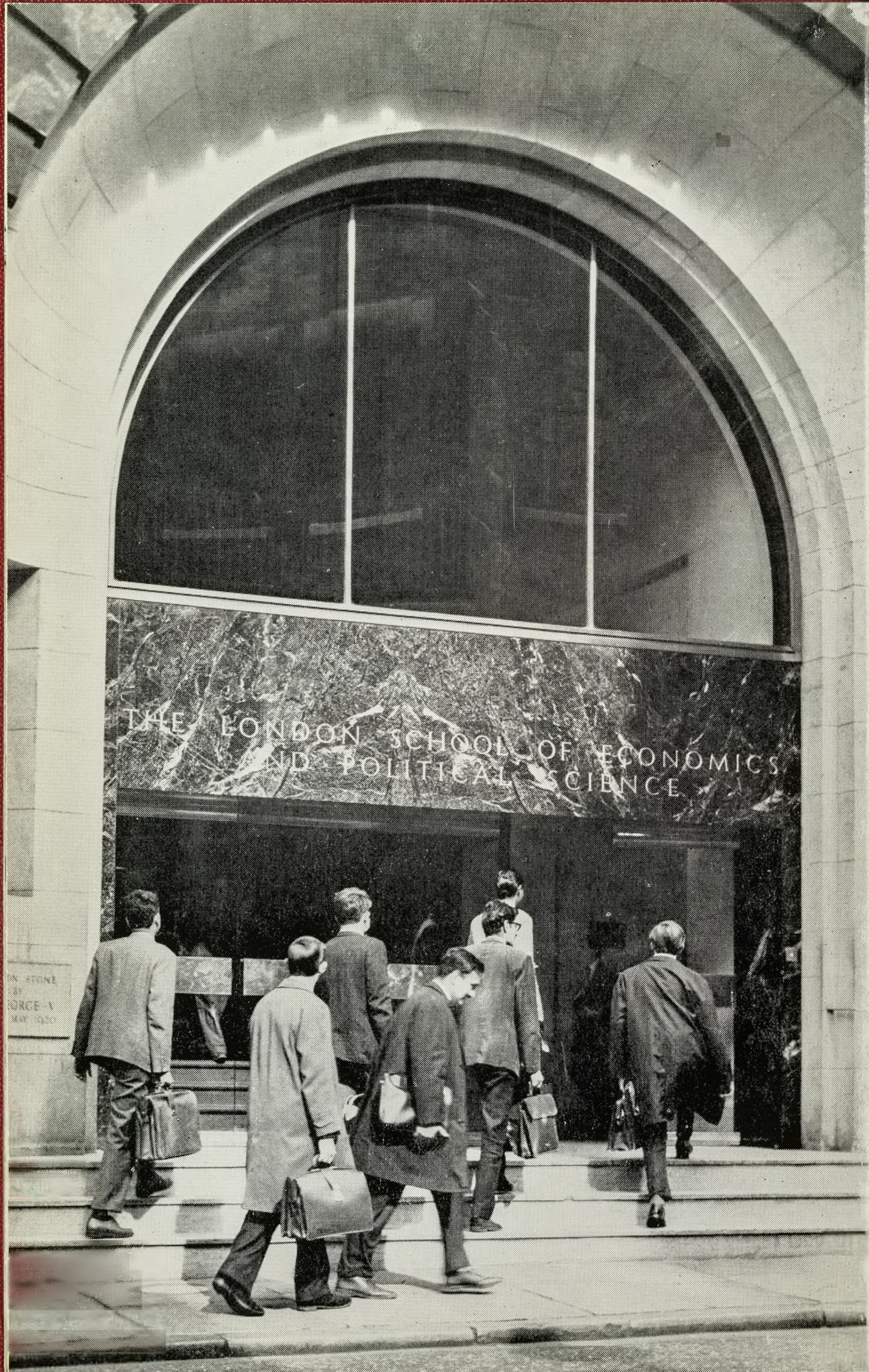
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THE DIRECTOR,
L.S.E. DR. W. ADAMS,
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L.S.E.

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THE DIRECTOR,
L.S.E.

DR. W. ADAMS,
THE DIRECTOR,
L.S.E.

LS

W. A.
HE D
L.S.



The London School of Economics and Political Science

A School of the University of London



CALENDAR

1966-67

The London School of Economics & Political Science

London W.C.2.

TABLE OF CONTENTS

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

Part I.

	PAGE
Frontispiece	
Location of the School (Map)	6
Buildings of the School (Map)	7
General Information	8
Dates of Terms 1966-67	10
Calendar 1966-67	11
The Court of Governors	21
Honorary Fellows	26
Academic Staff	28
Part-time Academic Staff	39
Research Staff	40
Conveners of Departments	42
Committees of Academic Board	42
Administrative Staff	44
Library Staff	46
History of the School	47
Annual Report by the Director on the Session 1964-65	52
Annual Accounts 1964-65	65
Obituary	83
Academic Awards	84
Athletic Awards	108
Research	110
Publications by Members of the Staff	117
Statistics of Students	139

Part II.

Admission of Students	145
Regulations for Students	150
Fees	154
Scholarships, Studentships, Exhibitions and Bursaries	158
Medals and Prizes	189
First Degree Courses	195
Regulations for Diplomas awarded by the School	224
The Graduate School and Regulations for Higher Degrees	246
The Academic Postgraduate Diploma in Social Anthropology	268
Dates of Examinations	270
Special Courses:—	
(1) Joint Postgraduate Studies in Technology, Economics and Administration	272
(2) Trade Union Studies	273
(3) Foreign Service Course	274
Regulations as to Honorary Fellows	276
The British Library of Political and Economic Science	278
The University Library	283
The Economists' Bookshop	284
Student Health Service	285

TABLE OF CONTENTS

3

	PAGE
Careers	286
The Students' and Athletic Unions	289
Residential Accommodation	293
Special Associations and Societies	298

Part III.

Lectures, Classes and Seminars:—

Development Administration (Diploma in)	305
---	-----

Economics:—

I. Undergraduate Courses	311
----------------------------------	-----

II. Graduate Courses	323
------------------------------	-----

A. M.Sc. in Economics	323
-------------------------------	-----

B. M.Sc. in Econometrics	335
----------------------------------	-----

C. Other Graduate Courses	337
-----------------------------------	-----

III. Additional courses for undergraduates and graduate students	339
--	-----

Accounting and Finance	343
--------------------------------	-----

Business Studies	349
--------------------------	-----

Geography	353
-------------------	-----

History:—

(a) Economic History	369
------------------------------	-----

(b) International History	374
-----------------------------------	-----

(c) General and Special Courses for B.A. Honours in History (and for B.A. Honours in Geography with History Sub- sidiary)	382
---	-----

Industrial Relations	387
------------------------------	-----

International Studies	389
-------------------------------	-----

Language Studies	395
--------------------------	-----

Law	403
-------------	-----

Philosophy, Logic, and Scientific Method	439
--	-----

Political Studies:—

(a) International Relations	447
-------------------------------------	-----

(b) Politics and Public Administration	459
--	-----

Sociological Studies:—

(a) Anthropology	475
--------------------------	-----

(b) Demography	482
------------------------	-----

(c) Psychology	486
------------------------	-----

(d) Social Science and Administration	490
---	-----

Diploma in Personnel Management	495
---	-----

Diploma for Social Workers in Mental Health	496
---	-----

Diploma in Applied Social Studies	500
---	-----

(e) Sociology	505
-----------------------	-----

Statistics, Mathematics, Computing and Operational Research:—

(a) Mathematics	521
-------------------------	-----

(b) Statistical Theory and Method	523
---	-----

(c) Applied Statistics	527
--------------------------------	-----

(d) Computing and Operational Research	532
--	-----

(e) Graduate Courses	535
------------------------------	-----

Part IV.

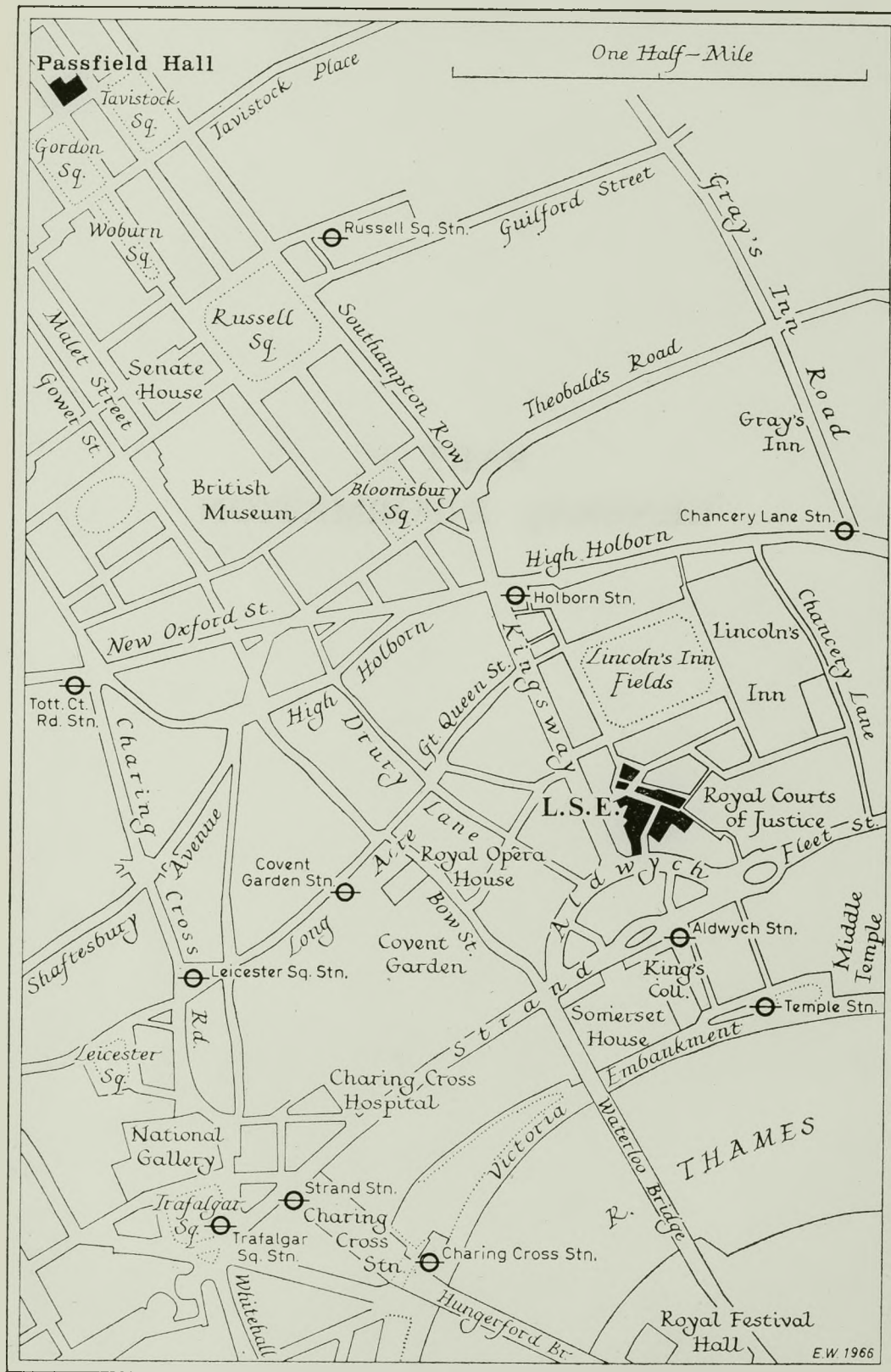
School Publications	545
-----------------------------	-----

General Index	559
-----------------------	-----

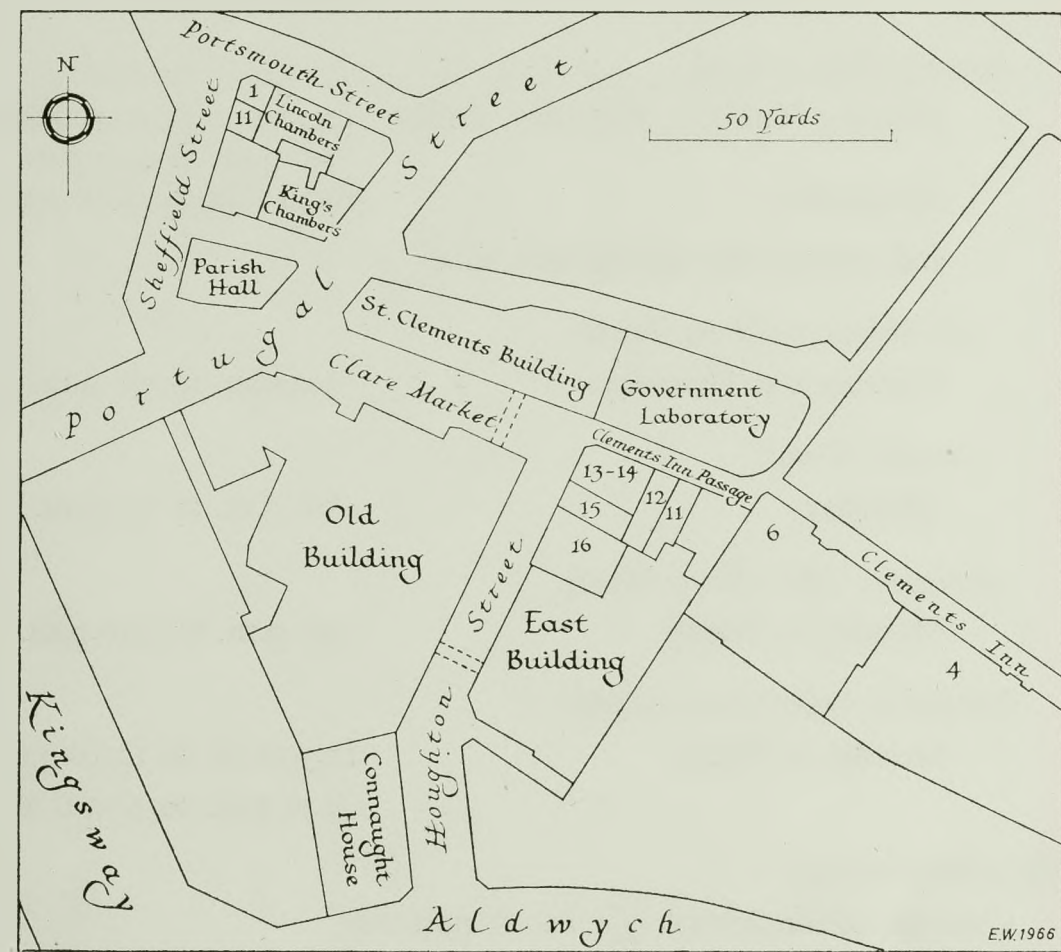
Index of Names	567
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PART I
GENERAL INFORMATION

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 H310)

Monday, Tuesday, Thursday, Friday: 10.30 a.m. to 12.30 p.m.

2.0 p.m. to 4.30 p.m.

Wednesday: 10.30 a.m. to 12.30 p.m.

and additionally during term time:

Michaelmas and Lent Terms

Tuesday and Thursday: 5.0 p.m. to 7.0 p.m.

Summer Term

Thursday: 5.0 p.m. to 7.0 p.m.

Admissions Office (Room H301)

Monday to Friday: 2.0 p.m. to 4.30 p.m.

Timetables Office (Room H306)

Monday to Friday: 11.30 a.m. to 12.30 p.m.

2.30 p.m. to 3.30 p.m.

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, Computing and Operational Research.

Joint School of Geography.

Business Studies for Graduates.

Diploma in Development Administration.

Diploma in Operational Research.

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

1966-67

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

LENT TERM: Wednesday, 11 January to Tuesday, 21 March 1967.

SUMMER TERM: Wednesday, 26 April to Friday, 30 June 1967.

1967-68

MICHAELMAS TERM: Monday, 2 October to Tuesday, 12 December 1967.

CALENDAR 1966-67
(University functions in Italics)
OCTOBER 1966

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

CALENDAR 1966-67
NOVEMBER 1966

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

DECEMBER 1966

1	Th	
2	F	
3	S	
4	S	
5	M	
6	Tu	Publications Committee, 11 a.m.
7	W	Board of Studies in Economics, 2.30 p.m. Higher Degrees Sub-Committee of the Board of Studies in Economics, 4 p.m.
8	Th	Court of Governors, 3 p.m. Oration, 5 p.m.
9	F	
10	S	
11	S	
12	M	Meeting of Professors of Economics, 3 p.m. Building Committee, 5 p.m.
13	Tu	Standing Committee, 5 p.m. School Michaelmas Term ends.
14	W	Library Committee, 2 p.m. <i>University Michaelmas Term ends.</i>
15	Th	
16	F	
17	S	
18	S	
19	M	
20	Tu	
21	W	
22	Th	
23	F	School buildings close for the Christmas holiday at 9.30 p.m.
24	S	
25	S	Christmas Day.
26	M	Boxing Day.
27	Tu	
28	W	
29	Th	
30	F	
31	S	

JANUARY 1967

1	S	School buildings re-open at 9.30 a.m.
2	M	
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	S	Admissions Committee, 10 a.m. Meeting of Professors of Economics, 11 a.m. School Lent Term begins. <i>University Lent Term begins.</i> Graduate School Committee, 2.30 p.m.
9	M	
10	Tu	
11	W	
12	Th	
13	F	
14	S	
15	S	Standing Committee, 5 p.m. Library Committee, 2 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	
22	S	Investments Committee, 5 p.m. General Purposes Committee, 2 p.m.
23	M	
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	S	
30	M	
31	Tu	

FEBRUARY 1967

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

MARCH 1967

1	W	Standing Sub-Committee of the Appointments Committee (all day).
2	Th	
3	F	
4	S	
5	S	Graduands' Dinner. <i>Presentation Day.</i> Conference Grants Sub-Committee, 12 noon. Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
6	M	
7	Tu	
8	W	
9	Th	
10	F	
11	S	
12	S	Meeting of Professors of Economics, 3 p.m. Building Committee, 5 p.m. Standing Committee, 5 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees</i> <i>Sub-Committee of the Board of Studies in Economics</i> , 4 p.m. Library Committee, 2 p.m.
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	S	Admissions Committee, 10 a.m. School Lent Term ends. <i>University Lent Term ends.</i> School buildings close for the Easter Holiday at 9.30 p.m. Good Friday.
20	M	
21	Tu	
22	W	
23	Th	
24	F	
25	S	
26	S	Easter Day.
27	M	Easter Monday.
28	Tu	
29	W	
30	Th	
31	F	School buildings re-open at 9.30 a.m.

APRIL 1967

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

MAY 1967

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

JUNE 1967

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

JULY 1967

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

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 Miss B. N. Seear

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 Professor H. R. G. Greaves (Chairman, Government Research
 Division)
 Professor S. A. de Smith (Chairman, Legal Research Division)

Professor D. V. Glass (Chairman, Social Research Division)
 Professor A. Stuart (Chairman, Research Techniques Division)
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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 Overseas 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 December 1956 Sir Alexander Carr-Saunders retired and was succeeded by the present Director, Sir Sydney Caine.

In 1960 new diplomas in Operational Research and in Economic and Social Administration (now re-named "Development Administration") 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. In 1965 we were fortunate in acquiring the lease of Connaught House, which adjoins the main building and stands on the corner of Houghton Street and Aldwych. This will go a long way towards relieving our immediate difficulties.

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 was 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. It will open during the latter half of session 1966-67 and will be called Carr-Saunders Hall in recognition of the services to the School of Sir Alexander Carr-Saunders. 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 SESSION 1964-65**

The session 1964-65 saw the successful implementation of the first part of the short-term expansion programme and the resolution of some at any rate of the questions of policy concerning the future of the School which were referred to in my last annual report. At the beginning of the session, we had substantially achieved the target figures of student numbers agreed upon as the School's contribution to the expansion desired in accordance with the recommendations of the Committee on Higher Education. We had also succeeded in making most of the new appointments which were seen as necessary to cater for the increased numbers. Other provisions necessary for the expansion included the organisation of the separate teaching library, specially designed to provide for undergraduate needs and those of candidates for the new taught Master's degree (to which I shall refer later), and the acquisition of additional accommodation in Clements Inn.

The teaching library, which is housed in the East Building of the School, could not be brought into operation quite at the beginning of the session, but it was completed shortly after and is now fully accepted as part of the ordinary facilities of the School. The additional accommodation in Clements Inn was also not fully available until some time after the commencement of the session, as some work was needed to make it fully usable, but it is now in full occupation and is proving a very valuable supplement to the School's accommodation. Other building changes during the session included the completion of the construction, in the inner courtyard of the Old Building, of additions at the first, second, third and fourth floors, which have provided extremely valuable space to the Library, the student Refectory and the Staff Dining Room. The Refectory and Staff Dining Room have also been improved in appearance by some remodelling and redecoration and, we believe, are now definitely a credit rather than some embarrassment to the School.

EXPANSION OF NUMBERS

During the session steps were taken for the continuance of the expansion programme, a number of additional appointments were approved, and in nearly all cases it proved possible to fill the new vacancies. The planned increase of undergraduate admissions was carried out although the task of hitting a precise target imposes on those responsible ever increasing burdens in face of last-minute withdrawals and the other complications arising from the varied opportunities of admission to other institutions which are available to potential candidates. At the

beginning of the session 1965-66 the undergraduate registrations were 1,655 as opposed to a target figure of 1,614. As regards admissions to the Graduate School, it was decided during the session that it was unsafe to rely as in the past on the unsystematic limitation of numbers resulting from the inability of individual teachers to take on more than a certain number of students, and it was necessary to work to a more systematic scheme of departmental quotas. The administrative difficulties of such a system in the case of graduate students are even greater than the implementation of a quota for undergraduate admissions; it is especially difficult to estimate how many of the places offered will be taken up, particularly when so large a proportion of students come from overseas and cannot always be sure of obtaining either the permission of their governments or other employers or the finance to come to this country. In fact there turned out to be a much greater percentage of withdrawals than has been customary in previous years and it looked at the beginning of the session 1965-66 as if the target figures of allocations of graduate numbers would not quite be attained. Since, however, graduate students frequently do not register until some time after the beginning of the session, exact figures will not be known until towards the end of the Michaelmas Term.

FINANCE FOR FURTHER EXPANSION

Looking further ahead, we have also been considering the implementation of the expansion programme in its last two years, i.e. 1966-67 and 1967-68. It has become apparent that the additional grants made available by the Court of the University of London out of the general additional grant from the University Grants Committee fall very considerably short of the additional finance which the School stated to be required if its expansion proposals were to be implemented. Briefly, in the two years 1964-65 and 1965-66 the additional grants made came reasonably close to the School's stated requirements, although they were offset to an uncomfortable extent by rising costs not allowed for in the original estimates (and which, indeed, we are not allowed to provide for in such estimates). For 1966-67, however, the School had calculated its needs as being for a further £97,500 over the 1965-66 figure; the additional grant for that year was in fact only £35,000 and various cost increases had to be set against that. Moreover, the School is also suffering from the fact that a substantial item included in its proposals for additional capital expenditure is not being met by means of a capital grant. This is an expenditure of £21,000 on additional books required in the new teaching library specifically in order to meet the expansion needs. Under the ordinary rules of the University Grants Committee the purchase of additional books for an existing library does not qualify for a capital grant, but is expected to be met from recurrent income. The School has, with the support of the University of London, represented that this rule ought to be modified at any rate in the special circumstances of the current exceptional expansion programme, but these representations have been unsuccessful and, since no provision has been made in the recurrent grant for this particular expenditure, we are placed in particular difficulties. Efforts have been made to raise funds specially for this particular purpose and we are very grateful to a number of individual Governors

and others associated with the School who have contributed a total of over £2,000 towards this and certain other exceptional expenditures, but in the end we are left with a substantial unexpected charge on our recurrent income.

Looking, therefore, at the net financial position, we have felt obliged to inform the University, and through it the University Grants Committee, that, in view of the short-fall in the anticipated financial resources, we shall not be able to carry out the full programme of expansion envisaged in 1966-67 and that we shall be aiming at a total increase of about 100 instead of the original figure for 1966-67 of 172.

So far as 1967-68 is concerned, the position remains completely uncertain. That year will be the first of the new quinquennium, and in the ordinary course we could not expect to know what grant we shall receive in it until near the end of the preceding session 1966-67. This places us in very considerable difficulties in planning the expansion of student numbers, and the consequential and inevitable expansion of staff numbers, for the last year of the Robbins expansion. These difficulties are, of course, not peculiar to the London School of Economics but they do highlight the extreme difficulties of forward planning under the quinquennial grant system as at present operated. It is generally understood that careful thought is being given to modifications in the system and it is very much to be hoped that some new system can be devised under which universities will continue to have the advantages of some assurance of their future income over a significant period of years ahead but will not be placed in the position which now arises towards the end of each quinquennium, when they have no security at all as to what their income is to be in their next financial year.

LONG-TERM POLICY OF THE SCHOOL

I turn now to longer-term problems. As I reported last year, the School had submitted to the University Grants Committee, through the University of London, a statement of its aspirations over the next two decades or so. These envisaged some further growth in undergraduate numbers and a very substantial development on the postgraduate side involving consequential provision of additional physical facilities, amounting to the ultimate provision of physical space equivalent to about three times what the School now occupies. During the session I had the opportunity, through the good offices of the University, of informal discussions with the Chairman of the University Grants Committee, quite apart from the formal visit made by him and other members of the Committee as part of their scheme of quinquennial visitations to universities. It became clear that there was very little chance of getting a commitment from the responsible government authorities for the provision of the finance which would be necessary for expansion on the full scale envisaged in the School's proposals and the growing financial difficulties of the government have made it still more clear that, at any rate for the time being, it is not possible to plan on the basis of so considerable a growth. It was clear also that the view of the University Grants Committee was that it was not desirable for any significant further expansion to take place in the School's undergraduate numbers, although there was full agreement that further growth in graduate activity must be expected and provided for.

SITE OF THE SCHOOL

These important, if informal, indications of the general attitude of the authorities concerned with university development were taken fully into account in the parallel examination which the School was undertaking of its own future physical development and particularly of the possibility of transfer to a new site. The administration of the School, with the very full assistance of the Research Group of members of the academic staff which I had set up to help me in examining these various problems of future policy, very carefully examined a number of possibilities or suggestions of removal of the School to sites either elsewhere in the central area of London or on the periphery. In particular a very attractive site which was understood to be available in the Borough of Croydon was examined with a view to considering whether the Borough Council should be asked to make it available to the School. Other possibilities which were taken into account included the Covent Garden area, various possibilities on the South Bank of the Thames and other areas within the old County of London which we had reason to believe were likely to be the subject of extensive redevelopment in the next decade or so. In the end the conclusion was reached that the most practical alternative was the Croydon site and the choice appeared to lie fairly clearly between making a bid for it or planning on the assumption of a continuation on the present site of the School with such extensions as might be possible. As our examinations continued, it appeared clear that the acquisition of additional properties in the immediate vicinity of the present site of the School was by no means impossible in the time period which we were taking into account and that we should, therefore, not assume that a decision to remain on the present site meant that no significant further expansion would be possible. When the examination of the possible alternatives had been completed, the whole situation was put to the Academic Board of the School and, virtually unanimously, the Board recorded its conclusion that the right policy for the School was to abandon any idea of removal to a site away from central London and to concentrate on development on the basis of its present site. This conclusion was accepted without reservation by the Court of Governors and can be taken now as representing the firm policy of the School in relation to future physical expansion.

BUILDING ACQUISITIONS AND DEVELOPMENTS

As it happened, an opportunity of expansion in our immediate neighbourhood arose while our discussions were proceeding and once a clear decision had been taken to base ourselves on our present site, formal application was made to the University of London and through them to the University Grants Committee for the necessary capital grant to take advantage of this opportunity. We had learnt that the office building known as Connaught House, on the corner of Houghton Street and Aldwych and immediately adjoining the School's Old Building, was shortly to be vacated by its tenants, Standard Telephones and Cables, Ltd., and that the whole of the building, apart from the ground floor and basement, which are occupied by the Westminster Bank, would be available in the autumn of 1965. Thanks to the willingness of the ground landlord, the Prudential Assurance Company, to accept a basis of tenure agreeable to the

School and to the willingness of the University of London and the University Grants Committee to find the capital sum involved, negotiations were completed and the School obtained possession at the beginning of October 1965. The building will provide about 35,000 sq. ft. of space and can be used with comparatively little modification. It is proposed to make direct communication with the Old Building of the School at two different levels and the major part of the new space will probably be occupied by administrative departments of the School. Apart from the advantage of being able to concentrate the administrative departments more conveniently together, the removal of a number of administrative staff from the Old Building will make it possible for the ultimate beneficiary from the acquisition of this additional space to be the library, which will take over a large part of the space vacated by the administration in the Old Building. It is expected that there will also be room for probably two academic departments as well as additional committee rooms. Altogether the acquisition of Connaught House is a very prompt and welcome confirmation on the one hand of our belief that substantial possibilities exist of expansion in the School's present area and on the other of the practical willingness of the University of London and the University Grants Committee to assist the School to remedy its present space deficiencies and provide for further expansion in the coming years.

Plans for the redevelopment of the Clements Inn Passage area were further advanced during the session and more or less final decisions were taken as to the form of the new buildings to be erected in due course on both sides of the Passage. General outline approval was obtained from the planning authority for the schemes envisaged and the School's architects have made substantial progress in the detailed planning of the building. It had originally been contemplated that the new building on the site of the old Government Laboratory would be commenced within the financial year 1965-66, that is before 31 March 1966, but when the opportunity of acquiring Connaught House arose it was explained by the University that finance would not be available both for that purpose and for the new building and the School therefore agreed that the commencement of the new building should be postponed to a later financial period. Since subsequently to that agreement the general postponement of new university building was announced by the government, we may feel that the agreement has turned out favourably to the School, as we have now firm possession of a substantial amount of extra space instead of only an uncertain prospect of later rebuilding. In spite of the decision to postpone the commencement of the new building, it was agreed with the University that the demolition of the Government Laboratory should go forward and this was completed just after the end of the long vacation. We shall, of course, hope to regain our place in the building queue very shortly and the detailed planning of the new building is proceeding so that we shall be in a position to take advantage of any possibility which may arise of securing the necessary finance.

I should like to repeat and emphasise that in all these discussions of acquisition of further space we have had the most sympathetic reception and co-operation from both the Court Department of the University of London and the University Grants Committee. As already explained, our difficulties with regard to immediate expansion arise much more from what we feel to be the really serious

inadequacy of the recurrent grants which it has been possible to allocate to the School. In this respect we seem to be in a position different from that of most other university institutions, since to judge by the comments which are publicly reported their major difficulty seems to be inadequacy of capital allocations rather than of recurrent income.

Two other current building developments to be recorded are the commencement in January 1965 of the building of the student hall of residence in Fitzroy Street financed by our anonymous benefactor and the conversion of a second house in the Tufnell Park area into flats for married graduate students. The hall of residence is to be named Carr-Saunders Hall, after my predecessor. Its cost will exceed the original donation of £250,000, but the donor has generously promised to increase his gift to £300,000.

Looking still further into the future, we have continued the exploration of possibilities of acquiring still further space in the immediate vicinity with a view to the provision of a new library. It is not at present possible to report on any specific project but we remain very hopeful that a site can be found nearly large enough to contain a building for the library which will solve for the next generation the most important problem of the School's future growth. If such a site does prove to be available, the securing of the necessary finance for its acquisition and development will, of course, be a major enterprise.

RELATIONS WITH THE UNIVERSITY OF LONDON

Another of our great preoccupations during the last few years has been the discussion of the relationship between the University of London and its constituent schools and colleges. I indicated in last year's report the general view which we had communicated to the University that the School, while wishing to remain a part of the University, attached great importance to the devising of arrangements which would ensure greater freedom of action for the constituent schools. It is very satisfactory to be able to report that real progress has been made in this direction. A special Committee of the Academic Council has recommended major changes in the regulations governing degree-syllabuses, under which it will be open to each of the major colleges of the University to devise its own syllabuses for first degrees, subject to final approval by the University Senate. At the same time increased discretion will be transferred to the colleges in various matters of admission of students and the recognition of teachers for university purposes and, while it is impossible to speak with certainty until we have had experience of working the new regulations, we now have every hope that if the academic structure is modified as proposed it will give to the London School of Economics, in common with the other schools and colleges of the University, as much freedom of action as it is reasonable to expect within the federal structure of the University.

Final decisions on these recommendations have still to be taken and there are a good many other matters remaining for consideration, including the whole position of the external degrees and the composition and practical operation of the Senate and the Academic Council of the University, but a very substantial

start has been made in resolving the issues arising on the academic side of the University's dealings with its colleges.

The School had also indicated its view that the importance of the major colleges of London University ought to be recognised by giving them a more formal status in relation to bodies outside the University such as the Committee of Vice-Chancellors and Principals and the University Grants Committee. So far as the Committee of Vice-Chancellors is concerned, a practical step in this direction has been taken by the decision of the Committee itself to increase the representation of London University from two to six and by the decision of the University that for the time being the four additional members shall be the heads of the four largest colleges, i.e. University College, King's College, the Imperial College of Science and Technology and the London School of Economics. This means that, although I, as Director of the School, am not entitled to membership of the Committee of Vice-Chancellors as of right, I serve as a member for the time being and I can confirm from the experience already gained that such membership is really valuable in giving a fuller understanding of the general problems of University development in this country. The present arrangements are regarded as provisional, but there is a fairly widely spread expectation that, as suggested by the Robbins Committee, the whole composition of the Vice-Chancellor's Committee will be re-examined.

The area within the field of relations between the School and the University in which least progress has been made is that relating to financial questions and direct contact with the University Grants Committee. As already indicated, it has been possible in practice for representatives of the School to have discussions with Chairmen and other officials of the University Grants Committee, but in principle the financial relationships remain unchanged. These matters remain the subject of discussion within the University and we can only hope that in due course a solution will be found as acceptable as the solution which has already been put forward to the problems of academic relationship between the University and its constituent institutions.

ACADEMIC DEVELOPMENTS

I turn back now to the more ordinary developments during the course of the session. On the academic side the year saw no active changes in first degrees but preparations were made for the commencement of teaching for the new Social Administration branch of the B.Sc. Sociology degree in 1965-66 and for the introduction of Philosophy as one of the special subjects in the B.Sc.(Econ.) degree. In higher degrees the new system of Master's degrees was successfully initiated. Briefly, in the past the Master's degree has been regarded mainly as a junior research degree; under the new system, while the possibility remains of taking a Master's degree by thesis or dissertation, the more usual form will be to proceed to it by way of a formal course of instruction ending with an examination by papers. This new pattern of the "taught" Master's degree was introduced in the School in 1964-65 and there is no doubt that it has proved in general successful. Naturally modifications in the pattern of courses and the procedures of instruction will be introduced in the light of experience. In this field, the School can well

feel that it has taken the lead in persuading London University to adopt a new pattern of higher degrees and that London in this respect has given a lead to the universities of the country at large.

Although as indicated no new courses were introduced at the undergraduate level in this session, a decision of importance for the future was taken during the year. This was a decision to seek the authority of the University for the institution of a new mathematics degree designed specially with an eye to the needs of students who will be using mathematics in connection with the social studies. Parallel with this was the decision to establish, with effect from the beginning of the session 1966-67, a Chair in Mathematics with a view to instituting teaching for the new degree at the School. These developments represent a further stage in the rapid growth here in recent years of the use of mathematical techniques in the social studies. This is shown also by other developments at the School including the creation, noted in last year's report, of chairs in econometrics and computational methods. As noted in the next paragraph, we have also had in mind the mathematical side of economics in making certain future appointments to chairs in that field. Another contribution to the same general development was the acquisition of a computer for use in the School which came into operation at the beginning of 1965.

ACADEMIC STAFF

Given the high public standing of so many members of the School, I do not ordinarily attempt to list either the achievements of individuals or their public recognition, beyond the long list of publications on pages 117-138.

I depart from custom this year, however, to note the conferment in the New Year Honours of 1965 of the honour of Knight Bachelor on Professor Sir Karl Popper, a recognition of his great services to philosophy which has given very great pleasure to the School.

The School has lost a particularly large number of senior teachers as a result of retirements and resignations. Professors F. W. Paish, Sir Arnold Plant, K. B. Smellie and Eleanora Carus-Wilson all retired at the end of the session on reaching the age limit and the loss of so many professors with long experience at the School will be felt for a considerable time to come. Professor Smellie had been on the staff of the School since 1921 and Sir Arnold Plant had held his Chair for nearly thirty-five years, during which he had been particularly identified with the School's postgraduate course in Business Administration and had been Chairman of the Publications Committee since the end of the last war. The resignations have arisen primarily from appointment of teachers of the School to more senior posts in growing universities elsewhere. Mr. T. B. Bottomore has left to become Professor of Sociology in the new Simon Fraser University of British Columbia; Dr. A. P. Stirling has gone to the University of Kent at Canterbury as Professor of Sociology; Mr. M. H. Peston has gone to a Chair of Economics as head of the newly created department at Queen Mary College, London; Mr. H. B. Rose and Dr. M. Beesley have gone to Chairs at the newly established Graduate School of Business Studies in London; and Mr. B. R. Crick and Mr. R. H. Pear have gone to Chairs in the field of Politics, the one at the University of Sheffield, the

other at the University of Nottingham. We wish them all well; we are glad to know that several of them will be continuing to give us some teaching assistance in the immediate future and we hope that all will remain in close contact with the School. New appointments to professorial level or conferments of professorial title include Dr. Abel-Smith, Professor of Social Administration, Dr. M. Freedman, Professor of Anthropology, Mr. E. Kedourie, Professor of Politics, Mr. P. J. de la F. Wiles, Professor of Russian Social and Economic Studies (a joint appointment with the School of Oriental and African Studies), and Dr. H. Myint, Professor of Economics (with effect from 1 January 1966).

Such extensive changes are naturally disturbing, but must be expected in the present phase of University expansion. New appointments in total substantially exceed losses and there is no present need to apprehend the School's being denuded of staff. The Economics Department has suffered particularly from resignations and retirements, but new appointments which have been made to take effect in the future give promise of very substantial strengthening in due course. Professor Harry Johnson, now at the University of Chicago, has accepted appointment as Professor of Economics with effect from October 1966 and we are particularly happy to be able to make this contribution to the reversal of the so-called "brain drain". Two other new appointments to Professorships in Economics have been made with effect from October 1967, those of Professor Gorman from the University of Oxford and Dr. Hahn from the University of Cambridge. Both of these have high reputations in the field of mathematical economics and exemplify the trend already noticed towards the greater emphasis on mathematical techniques in economic and other social studies.

One staff change, perhaps more noticeable by both staff and students than most others, has been the retirement of Mrs. Ellis from her post of Steward. During her reign the School's Refectory services had increased greatly in size and complexity and she had built up for the School a reputation for high quality in the special dinners she delighted to organise. She has been succeeded by Mr. R. E. Diserens under the new title of Catering Manager.

RESEARCH

The research activities of the School have continued unabated. The list of benefactions will be found to contain various grants from foundations and government departments for specific research activities. Professor Moser's new Unit for Research into Higher Education has in particular increased its activities during the year. It now has a total research staff of 21 and grants in prospect of £194,000. None the less, although research activity has continued to grow, we are increasingly conscious of the limitations placed on that growth both by the comparatively small amount of money which can be provided for research from the School's own funds and by the problems of space. We are most grateful to the foundations and the government departments which listen to and so frequently accede to our requests for help for specific research projects. At the same time it is always limiting to have to confine research activities to those which have a special appeal to some outside authority and the School would feel far happier if it could allot from its own resources a

substantially greater sum than is now possible, which would be available to finance researches chosen by members of the academic staff because of the academic interest of the subject rather than because of its special appeal to some other body. The provision which the School can make has, of course, increased. In 1955-56 it was £10,230, in 1965-66 it will be about £48,000. At the same time total expenditure from outside grants has increased over the same period from £12,100 to an estimated £125,000. In spite of this substantial increase we are constantly reminded of opportunities for research which we cannot take up because of lack of money. Space, however, is also a severe limitation. Research officers and research assistants need rooms to work in and if they are to work in close association with members of the teaching staff concerned with their fields of research and to make full use of the School library and other facilities, they must be close at hand. Since the School never has space to spare and is indeed always in the position of having to pay rent for additional accommodation for its general purposes, the net position is that every additional research officer or research assistant involves the School in expenditure for office rent, which at the rates current in the School's vicinity amounts to £200 or £300 per annum. Whenever possible we secure assistance to cover this in the case of research financed from outside grants, but this is not always a possibility and in any case it is also not always possible to find additional office accommodation at short notice. This special limitation on the growth of research activity merely re-emphasises the overall importance of securing a sufficient addition to the School's total accommodation to leave us with some margin to deal with these comparatively small but vital additional needs.

THE LIBRARY

I have spoken already of the plans which are in our minds with regard to the long-term development of the library. This remains one of our most constant and pressing preoccupations. The library is the centre of all the School's activities in both teaching and research. I have referred already to the continuous thought which is being given to the provision of a new Library building. Apart from continued thought about these longer-term prospects, there have been two other significant developments affecting the more immediate position of the library. During the session Urwick, Orr and Partners Limited, the management consultants, were asked to undertake a general examination of a number of aspects of the administration of the School and they began by examining the library administration. They have given us a very valuable report containing a number of suggestions for reorganisation, the great majority of which have been accepted in principle and are now being implemented. These suggestions will not lead to financial economies in the administration of the library, but we do expect that they will enable it to give much better service in the future to its users. The second development of very real significance has been the decision of the Librarian, Mr. G. Woledge, to retire towards the end of the calendar year 1965. Mr. Woledge has given long and devoted service to the library, to which he was appointed just at the end of the last war. His successor will take over a very flourishing institution but will be faced with a considerable task of further development and reorganisation to meet the problems both of growth and of change in

the character of modern libraries and the demands of users in modern times. One other development to be noted with regard to the control of the library is that the Court of Governors, at my suggestion, has appointed a member of the academic staff, Professor F. J. Fisher, to be Chairman of the Library Committee instead of myself as Director. My intention is not by any means to diminish my own interest in the affairs of the library, but to ensure that the Library Committee acts more effectively as a close link between the needs of the academic staff and the library administration.

VISIT OF THE UNIVERSITY GRANTS COMMITTEE

The Chairman and members of the U.G.C. visited the School, as part of their quinquennial programme of visits, on 2 March 1965. They had cordial discussions with many representatives of the teaching staff, research interests and student bodies and with the administration and representatives of the Governors of the School. I believe that they formed a favourable impression of the work of the School and obtained a clearer realisation of its needs for physical expansion.

STUDENT ACTIVITIES

On the side of student activities, there has been nothing of great novelty to report. Relations between the School and the Students' Union officials have continued to be cordial and activity in the Union itself, in the Athletic Union and in the large number of individual clubs and societies has continued to be vigorous. Towards the end of the session the Student Union representatives put forward proposals for a significant increase in the facilities available to the Union and in its activities, involving a substantial increase in the finance made available to it. These proposals are being examined with sympathy, but at the same time with a full consciousness of the regrettable limitations on the School's own ability to provide either additional finance or additional physical facilities until its own overall position in both respects is improved. One development during the year in which we were able to add substantially to facilities for student activities was the acquisition of an additional sports ground very close to the Union's present ground at New Malden. Here again we were greatly assisted by the prompt decision of the University of London and the University Grants Committee to provide the necessary finance which enabled us to put in a bid for this additional ground as soon as we knew that it was coming on the market. It will add approximately 13 acres or about 62 per cent to the existing acreage.

OBITUARY

Among the losses by death particularly noteworthy are those of Professor M. J. Bonn, who first came to the School as a graduate student in 1896 and after a distinguished academic career in Germany taught here as a part-time lecturer between 1933 and 1939; Professor T. F. T. Plucknett, who held the Chair of Legal History from 1931 to 1965; Dr. E. C. Rhodes, Reader in Statistics until his retirement in 1958; and Lord Alexander of Hillsborough, a Governor of the School from 1936 to 1958.

ANNUAL ACCOUNTS 1964—1965

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, 1965 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, 1965.

BALANCE SHEET,

1963-64		FUNDS AND LIABILITIES	
£	£	£	£
	619,464	Freehold Land and Buildings Fund	690,432
	172,189	Rockefeller Endowment Fund ..	183,024
	292,288	Trust Funds (Schedule No. 5) ..	310,463
		Other Funds and Current Liabilities	
124,865		Special Funds (Schedule No. 6)	133,613
	2,000	Provision for Equipment and Repairs	3,000
	72,776	Sundry Creditors	78,204
	15,121	Receipts in Advance	30,467
	<u>214,762</u>		<u>245,284</u>
	3,602	General Reserve	3,602
	2,703	Less: Deficit on Income and Expenditure Account	5,505
	<u>221,067</u>		<u>243,381</u>

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

£1,305,008

£1,427,300

31st JULY, 1965.

1963-64		ASSETS	
£	£	£	£
	619,464	Freehold Land and Buildings (Schedule No. 4)	690,432
		(Buildings valued for insurance at £925,835)	
112,598		Rockefeller Endowment Fund	
		Investments (Schedule No. 1)	98,605
	13,968	Freehold Property—31, John Adam Street, London (Building valued for insurance at £14,000)	13,968
	35,000	Loan for Anson Road and Carleton Road Hostels ..	55,415
		Loan for PABX installation ..	3,960
	10,000	Loans for Housing	10,000
	623	Cash at Bank	1,076
	<u>172,189</u>		<u>183,024</u>
271,171		Trust Funds	
		Investments (Schedule No. 2)	269,748
	8,850	Freehold Property—111/112, High Street, Gosport, Hants. (Building valued for insurance at £35,805)	8,850
	12,267	Cash at Bank	31,865
	<u>292,288</u>		<u>310,463</u>
29,061		Other Assets	
	10,438	Investments (Schedule No. 3)	26,722
	123,403	Loans for Housing	14,462
		Sundry Debtors	120,394
		Payments in advance and Other Assets	47,828
	35,692	Cash at Bank and in Hand ..	33,975
	22,473		
	<u>221,067</u>		<u>243,381</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.

£1,305,008

£1,427,300

INCOME AND EXPENDITURE ACCOUNT

1963-64		EXPENDITURE			
£	£	£		£	£
		1. Administration and Common Services			
95,047		Salaries and Superannuation	114,019		
34,886		Printing, Stationery, Advertising,			
1,726		Postage and Telephones	48,190		
		Other Expenses	1,592		
	131,659			163,801	
		2. Departmental Maintenance			
		Teaching Staff—Salaries and super-			
571,155		annuation	677,791		
		Research Expenditure met from			
36,812		Income	48,621		
		Research Expenditure met by Dona-			
98,592		tions	106,009		
		Departmental Staff—Salaries and			
55,258		superannuation	68,697		
15,086		Departmental Expenses	27,660		
	776,903			928,778	
		3. Library			
62,602		Salaries and superannuation	83,210		
129		Edward Fry Library	211		
		Purchase of books and periodicals,			
26,815		binding and other expenditure ..	38,420		
	89,546			121,841	
		4. Maintenance of Premises			
17,864		Rents	22,911		
46,206		Rates	51,369		
2,586		Insurances	2,740		
21,050		Heat, Light and Water	22,564		
11,478		Equipment	12,119		
26,842		Repairs and general maintenance ..	23,938		
82,643		Salaries, wages and superannuation ..	91,488		
	208,669			232,129	

FOR THE YEAR ENDED 31st JULY, 1965.

1963-64		INCOME			
£	£	£		£	£
		1. Endowments			
		(a) Appropriated for particular purposes:			
500		Montague Burton Trust	500		
262		Business Administration Trust	245		
5,697		Cassel Trust (Commerce)	7,498		
		Cassel Trust (Modern Languages)	2,920		
220		Auguste Comte Trust	55		
141		Hobhouse Trust	144		
50		Malinowski Trust	50		
441		Passfield Trust	551		
679		Skepper Trust	597		
1,200		Stevenson Trust	1,333		
106		Tooke Trust	117		
602		Martin White Trust	670		
81		Whittuck Trust	107		
	9,979				14,787
		(b) Appropriated for general purposes:			
117		Ratan Tata Fund	130		
13,365		Rockefeller Endowment Fund	15,458		
	13,482				15,588
		2. Donations and Subscriptions			
	98,592	(a) For Research (Schedule No. 7)			106,009
	20,267	(b) For other purposes (Schedule No. 8)			37,381
		3. Grants from University Court			
856,164		General	980,000		
37,098		Salaries Supplementation 1964	115,046		
42,588		Rates	50,939		
1,441		Hayter Sub-Committee	3,590		
7,000		Management Studies	11,000		
	944,291				1,160,575
		4. Fees			
163,266		Tuition	174,902		
445		Examination	366		
	163,711				175,268

INCOME AND EXPENDITURE ACCOUNT

1963-64		EXPENDITURE			
£	£	£		£	£
		5. Educational Expenses			
1,828		Examinations	1,690		
420		Public Lectures	150		
2,320		Publications	2,728		
4,714		Studentships, scholarships and bursaries	5,503		
		Contribution to Universities Central			
1,924		Council on Admissions	3,175		
	11,206				13,246
		6. Student Facilities and Amenities			
8,118		Grants to Unions and Union Societies ..	9,037		
7,149		Athletics Ground Maintenance	6,753		
4,834		Careers Advisory Service	4,833		
6,879		Medical Services	7,585		
		Students' Hostel:			
4,227		Wardens	2,853		
35		Profit for year	—		
	31,172				31,061
	2,335	7. Capital Expenditure met from Income			15,030
		8. Other Expenditure			
100		Benevolent Fund	100		
		Hospitality and entertainment allow-			
5,104		ances	5,518		
7,638		Pensions met from General Income ..	8,244		
		O. and M. Survey	2,373		
1,500		Sundry Expenses	1,274		
	14,342				17,509
		9. Transfers to Special Accounts			
1,581		Rates Suspense	1,150		
6,842		Management Studies	12,042		
	8,423				13,192
		TOTAL EXPENDITURE			1,536,587
	1,274,255				
		Excess of expenditure over income b/d ..			8,208
	6,959	Surplus carried forward			—
	2,703				
	<u>£9,662</u>				<u>£8,208</u>

NOTE.—The aggregate amount to be disclosed under
70

FOR THE YEAR ENDED 31st JULY, 1965—continued.

1963-64		INCOME			
£	£	£		£	£
		5. Contributions received for Services			
	6,135	Rendered			5,617
		6. Miscellaneous			
606		Interest received	609		
2,930		Rents	2,782		
476		Sundry receipts	684		
	4,012				4,075
		7. Transfers from Special Accounts			
531		Business Administration	656		
—		Management Studies	6,842		
6,296		Rates Suspense	1,581		
	6,827				9,079
		TOTAL INCOME			1,528,379
	1,267,296	Excess of Expenditure over Income c/d			8,208
	6,959				
	<u>£1,274,255</u>				<u>£1,536,587</u>
	9,662	Surplus from previous years	2,703		
	—	Deficit carried forward	5,505		
	<u>£9,662</u>				<u>£8,208</u>

Section 196 (1) of the Companies Act 1948, is £6,470.
71

INVESTMENTS HELD AT 31st JULY, 1965

SCHEDULE No. 1

ROCKEFELLER ENDOWMENT FUND:—

1. QUOTED BRITISH GOVERNMENT STOCKS AND STOCKS OF OTHER PUBLIC AUTHORITIES PREFERENCE EQUITIES	COST			MARKET VALUE	%	%
	£	s.	d.			
.. .. .	1,476	4	10	1,007	1.5	0.6
.. .. .	7,250	0	0	3,500	7.5	2.0
.. .. .	87,828	9	5	167,101	91.0	97.4
TOTAL OF QUOTED INVESTMENTS	96,554	14	3	171,608	100.0	100.0
2. UNQUOTED	2,050	0	0			
TOTAL CARRIED TO THE BALANCE SHEET	98,604	14	3			

72

SCHEDULE No. 2

INVESTMENTS HELD FOR TRUST FUNDS:—

A. GENERAL (NARROW POWERS) POOL

1. QUOTED BRITISH GOVERNMENT STOCKS DEBENTURES EQUITIES	MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUB- SEQUENT COST			MARKET VALUE	%	%
	£	s.	d.			
.. .. .	46,423	2	10	39,743	25.6	24.0
.. .. .	54,451	5	5	47,275	30.0	28.5
.. .. .	80,738	11	3	78,682	44.4	47.5
TOTAL	181,612	19	6	165,700	100.0	100.0

The General (Narrow Powers) pool consists of 175,794 investment units. At 31 July, 1965, the market value of the investments held represented a value for each unit of 18s. 10d. The units are held for the following trusts:

NAME OF TRUST	MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUB- SEQUENT COST	%	%	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
TOTAL OF QUOTED INVESTMENTS	16,677	6	0	175,794

B. CAPITAL EXPENDITURE (NARROW POWERS) POOL

1. QUOTED BRITISH GOVERNMENT STOCKS DEBENTURES EQUITIES	MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUB- SEQUENT COST			MARKET VALUE	%	%
	£	s.	d.			
.. .. .	9,960	9	7	9,688	59.7	59.6
.. .. .	2,193	2	0	2,133	13.2	13.1
.. .. .	4,523	14	5	4,443	27.1	27.3
TOTAL OF QUOTED INVESTMENTS	16,677	6	0	16,264	100.0	100.0

73

INVESTMENTS HELD AT 31st JULY, 1965—continued.

2. UNQUOTED	TOTAL OF UNQUOTED INVESTMENTS	£	s.	d.
		7,400	0	0
	TOTAL	24,077	6	0

The Capital Expenditure (Narrow Powers) pool consists of 26,352 investment units. At 31 July, 1965, the market value of the investments held represented a value for each unit of 18s. 0d. The units are held for the following trusts:

NAME OF TRUST	MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST	%	No. OF UNITS HELD
	£ s. d.	%	
Department of Business Administration .. ..	.. ..	.. ..	5,383
Chair of Economics of Underdeveloped Countries and Economic Development .. ..	.. ..	.. ..	5,819
Dixon Cambridge Bowl 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	MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST	%	MARKET VALUE
	£ s. d.	%	£
BRITISH GOVERNMENT STOCKS	1,927 13 6	35.6	1,621
DEBENTURES	720 0 0	13.3	622
EQUITIES	2,771 1 4	51.1	3,059
			<u>5,302</u>
TOTAL	5,418 14 10	100.0	5,302

The General (Wide Powers) pool consists of 5,551 investment units. At 31 July, 1965, the market value of the investments held represented a value for each unit of 19s. 1d. The units are held for the following trusts:

NAME OF TRUST	MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST	%	No. OF UNITS HELD
	£ s. d.	%	
Reg Bassett 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	1,833
			<u>5,551</u>

D. CAPITAL EXPENDITURE (WIDE POWERS) POOL QUOTED

NAME OF TRUST	MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST	%	No. OF UNITS HELD
	£ s. d.	%	
BRITISH GOVERNMENT STOCKS	3,398 5 9	75.0	3,289
EQUITIES	1,132 5 0	25.0	1,018
			<u>4,307</u>
TOTAL	4,530 10 9	100.0	4,307

The Capital Expenditure (Wide Powers) Pool consists of 4,650 investment units. At 31 July, 1965, the market value of the investments held represented a value for each unit of 18s. 6d. The units are held for the following trusts:

NAME OF TRUST	MARKET VALUE	No. OF UNITS HELD
Manor Charitable Trust	2,463
History of Prices and Wages	1,723
Singer Research II	464
		<u>4,650</u>

INVESTMENTS HELD AT 31st JULY, 1965—continued.

E. OTHER	COST			MARKET VALUE	
	£	s.	d.	£	%
1. QUOTED					
BRITISH GOVERNMENT STOCKS	10,963	15	5	10,614	23.3
DEBENTURES	5,295	0	0	4,565	10.0
PREFERENCE	5,780	0	0	5,780	12.7
EQUITIES	14,775	5	3	24,683	54.0
TOTAL OF QUOTED INVESTMENTS	36,814	0	8	45,642	100.0
2. UNQUOTED	17,294	16	9		
TOTAL OF UNQUOTED INVESTMENTS	54,108	17	5		
TOTAL CARRIED TO THE BALANCE SHEET	269,748	8	6		

76

SCHEDULE No. 3
GENERAL INVESTMENTS

1. QUOTED	COST			MARKET VALUE	
	£	s.	d.	£	%
BRITISH GOVERNMENT STOCKS	7,627	16	7	6,929	27.4
DEBENTURE STOCKS	5,866	19	0	4,710	18.6
EQUITIES	10,464	13	8	13,639	54.0
TOTAL OF QUOTED INVESTMENTS	23,959	9	3	25,278	100.0
2. UNQUOTED	2,762	2	7		
TOTAL OF UNQUOTED INVESTMENTS	26,721	11	10		
TOTAL CARRIED TO THE BALANCE SHEET					

77

FREEHOLD LAND AND BUILDINGS AT 31st JULY, 1965.

SCHEDULE No. 4	Cost
School Properties:	£
Athletics Grounds and Pavilions	100,718
1, 2 and 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 and 14 Houghton Street	9,159
15 Houghton Street	3,300
16 Houghton Street	35,688
17, 18 and 19 Houghton Street	118,426
King's Chambers	146,215
4 Portugal Street	35,717
St. Clement Dane's Parish Hall	28,668
	<u>£690,432</u>

TRUST FUNDS AT 31st JULY, 1965

SCHEDULE No. 5.
NAME OF FUND

	CAPITAL	UNEXPENDED INCOME
	£	£
Sir William Acworth Memorial	1,826	158
Research in Advertising and Promotional Activity ..	13,837	—
Harriet M. Bartlett	38	—
Reg Bassett Memorial	382	19
Janet Beveridge	597	31
Bowley Prize	175	15
Montague Burton Chair of International Relations	8,850	—
Montague Burton Memorial	5,780	472
Department of Business Administration	4,968	—
Cassel Teaching in Commerce	152,029	—
Cassel Teaching of Modern Languages	17,239	208
Chidambaram Chettiar	512	83
Mary Elizabeth Christie Memorial	430	1
Sally Codrington	899	105
Auguste Comte Memorial	982	345
Dixon Cambridge Bowl and Cup	57	3
Chair of Economics of Underdeveloped Countries and Economic Development	8,077	—
Research Fellowship in the Economics of Latin America	17,311	—
Farr Prize	309	15
Gonner Prize	129	7
Gourgey	27	4
Graduate Studentships in Economics	19,551	—
Greek Shipowners' Scholarship	293	—
History of Prices and Wages	2,044	—
Hobhouse Memorial	1,121	—
Hutchins' Studentship for Women	1,835	175
Hutchinson Medal	13	4
Rees Jeffreys' Research Fellowship	1,099	—
Rees Jeffreys' Studentship	5,505	1,049
Lilian Charlotte Knowles Memorial	938	46
Harold Laski Scholarship	1,071	53
Jackson Lewis Scholarship	6,800	189
Charles Mostyn Lloyd Prize	363	28
Mactaggart Scholarship	4,187	130
Manor Charitable Trust	2,659	—
Malinowski Memorial Lecture	1,157	344
George and Hilda Ormsby	1,000	85
Hughes Parry Prize	346	18
Wilson Potter	99	5
Premchand Prize	503	25
Raynes Prize	400	10
Rosebery	2,681	211
Singer Research	995	102
Social Administration Research	548	—
Skepper	13,466	—
Statistics and Computing	884	—
Graham Wallas	147	—
Whittuck Lectureship in Commercial Law	2,170	—
Allyn Young Prize	158	8
Harold Laski Memorial Lecture	28	—
	<u>£306,515</u>	<u>£3,948</u>

SPECIAL FUNDS AT 31st JULY, 1965

SCHEDULE No. 6.

	£
American Studies	306
Anonymous Departmental Fund	82
Arthur Andersen Prize	15
Anthropology (Malinowski) Library	45
Brookings Institute	54
Montague Burton Fund	265
Noel Buxton Studentship	863
Cadbury	89
Carnegie	12,210
Churches' Council on Gambling	3,139
Commerce Degree	846
Commonwealth Fund	41
Course on "Future Patterns of Employment"	18
Discretionary Pensions	18,280
H. V. Duckworth	34
Electricity Council	233
Ford Foundation:	
Demographic Training	4,040
Human Behaviour	97
Higher Education	17,778
International Studies	255
Home Office:	
Methods of Investigating Crime	6,568
Mr. Hall Williams	82
Houblon-Norman	342
Leverhulme Trust:	
Miss Harwood	310
Scholarships	315
Library Catalogue	5,645
Mediterranean Research Group	1,375
National Corporation for the Care of Old People	340
National Institute of Mental Health	1,646
Northern Studies	12
Nuffield Foundation:	
Fellowship in the Politics of Eastern Europe	718
London/Cornell	13,918
Soviet Law	496
Higher Education	6,192
Nuffield Provincial Hospitals Trust:	
Mr. Apte	100
Mr. Timms	767
Passfield Fund	10,090
Passfield Studentships	464
Publication Funds:	
Economica	6,793
Monographs in Social Anthropology	3,671
Reprints	1,925
Sociological Publications	556
Questionnaire Research	1,297
Radio Corporation of America	303
Research Studentship in the Sociology of the Jews in Britain	700
Rockefeller Foundation	117
Rodwell Jones Memorial	203
Rowntree Trust:	
Housing Study	25
Poverty	43
S.R.C. and M.R.C. Research Training Support Grants	1,608

SPECIAL FUNDS AT 31st JULY, 1965—continued

Shell International Petroleum Co. Ltd.:	£
Economics	1,498
Geography	1,052
Social Administration Research	137
Frederick Soddy Trust	10
Student Loans:	
Long-Term	1,058
Mental Health	448
Social Science	35
Television Research Council	2,829
Wellcome Foundation	60
Wenner-Gren: Professor Firth	119
Miss Hubert	1,056
	<u>£133,613</u>

DONATIONS AND SUBSCRIPTIONS FOR RESEARCH

SCHEDULE No. 7.	£
Brookings Institute	639
Carnegie	1,897
Churches' Council on Gambling	785
Department of Education and Science:	
Professor Donnison	1,235
Finance of Education	1,248
Graduate School	4,988
Computable Model of the Educational System	2,108
Electricity Council	17
Ford Foundation:	
Higher Education	72
Human Behaviour	246
International Studies	523
Home Office:	
Professor Himmelweit	282
Methods of Investigating Crime	11,830
Mr. Hall Williams	142
Research Fellowship in the Economics of Latin America	1,538
Mediterranean Research Group	799
Ministry of Health:	
Dr. Land	47
Miss Stewart	837
Ministry of Housing	1,446
Ministry of Labour	500
Ministry of Overseas Development	201
Ministry of Public Building and Works	4,059
Ministry of Transport	6,030
National Corporation for the Care of Old People	360
National Institute of Mental Health:	
Professor Himmelweit	1
Mr. Townsend	1,976
National Science Foundation	606
Nuffield Foundation:	
Bibliography of Statistical Literature	732
Fellowship in the Politics of Eastern Europe	3,058
Government in Greater London	1,667
London/Cornell	9,978
Soviet Law	81
Higher Education	10,413
Nuffield Provincial Hospitals Trust:	
Mr. Apte	365
Mr. Timms	639
O.E.C.D.: Higher Education	511
Questionnaire Research	15,225
Rees Jeffreys' Road Fund	3,030
Rockefeller Foundation	1,916
Rowntree Trust:	
Housing Study	702
Poverty	835
Science Research Council:	
Higher Education	4,295
Professor Himmelweit	3,798
Mr. Holmes	33
Mr. Tapper	327
Social Administration Research	164
Frederick Soddy Trust	265
Television Research Committee	1,189
Wellcome Foundation	1,317
Wenner-Gren	371
Yale University	686
	<u>£106,009</u>

DONATIONS AND SUBSCRIPTIONS FOR OTHER PURPOSES

SCHEDULE No. 8.								£
American Studies	..	..	..	..	..	..	..	1,509
British Petroleum Co. Ltd.	..	..	..	..	..	..	..	6,435
Chair in the Economics of Underdeveloped Countries and Economic Development	..	..	..	..	..	..	..	4,390
The Economist	..	..	..	..	..	..	..	250
Ford Foundation:								
Demographic Training	..	..	..	..	..	..	..	12,236
International Studies	..	..	..	..	..	..	..	957
Edward Fry Trust	..	..	..	..	..	..	..	211
Leverhulme Trust	..	..	..	..	..	..	..	1,325
Manchester Oil Refinery	..	..	..	..	..	..	..	2,493
Overseas Students Trust	..	..	..	..	..	..	..	75
Radio Corporation of America	..	..	..	..	..	..	..	56
Rockefeller Foundation	..	..	..	..	..	..	..	750
S.R.C. and M.R.C. Research Training Support Grants	..	..	..	..	..	..	..	822
Shell International Petroleum Co. Ltd.	..	..	..	..	..	..	..	211
Statistics and Computing Fund	..	..	..	..	..	..	..	5,000
The Thomson Organisation Ltd.	..	..	..	..	..	..	..	250
Dr. Tugendhat	..	..	..	..	..	..	..	411
								£37,381

OBITUARY

The School records with deep regret the deaths of:—

- WILLIAM GEORGE STEWART ADAMS, an Honorary Governor of the School.
 WILLIAM JOHN GEORGE ASH, a porter at the School from 1934 to 1955.
 ERNEST BEAGLEHOLE, a student of the School from 1928 to 1931.
 ERNEST CORNWALL, a member of the Court of Governors from 1936 to 1948.
 AGNES ALICE CROSTHWAITE, a student of the School from 1911 to 1938.
 FLORENCE RUTH DALTON (Lady Dalton), a student of the School from 1909 to 1914.
 OVERY FRANCIS GINGELL, a student of the School from 1939 to 1940 and from 1945 to 1947.
 FRANCISCO GONZALEZ-MOLANO, a student of the School from October 1964 to June 1965.
 FRANCES MARY GWILLAM, a student of the School from October 1963 to January 1966.
 TERENCE PETER BRADLEY HARVATT, a student of the School from 1961 to 1964.
 MARGARET HAY, a student of the School from 1932 to 1934.
 JOHN SCOTT HENDERSON, a student of the School from 1919 to 1925.
 SIR IVOR JENNINGS, a member of staff of the School from 1929 to 1941.
 KENNETH MARSDEN JONES, a student of the School from 1945 to 1946.
 JOAN JOSHUA, a member of the Library staff of the School from 1941 to 1955.
 WILFRED THOMAS COUSINS KING, a student of the School from 1924 to 1927 and from 1928 to 1935 and an Honorary Fellow.
 WILLIAM PIERCY (Lord Piercy), a student of the School from 1907 to 1908 and from 1910 to 1914, a Governor of the School and an Honorary Fellow.
 JAMES BRIAN HOPE SCOTT, a student of the School from 1957 to 1960.
 MOSHE SHARETT, a student of the School from 1920 to 1924.
 ARDESHIR DARABSHAW SHROFF, a student of the School from 1921 to 1924.

Academic Awards

SCHOLARSHIPS, STUDENTSHIPS AND PRIZES
AWARDED IN 1965

(a) Awarded by the School.

Entrance Scholarships

Leverhulme Scholarships

BARRY BERTRAM DAVIS (Hackney Downs School).
SAMUEL HASTINGS (South-East Essex College of Technology)
BRIAN DORMER TAYLOR (Holyhead County Secondary School)

Scholarships for Mathematicians

ALEXANDER RILEY (St. Bees School)
TIMOTHY JOHN WILLIAM HARRISON (Tonbridge School)
DAVID CHARLES HOLLINGSWORTH (Poole Grammar School)
PAUL RODNEY MARSH (Poole Grammar School)
KEITH FREDERICK TAYLOR (Hampton Grammar School)
COLIN PETER THUNHURST (Brentwood School)

Leverhulme Adult Scholarship

PAMELA HART

Undergraduate Awards

Lilian Knowles Memorial Scholarship

DAVID ANDREW BATTRICK

Harold Laski Scholarship

RAYMOND JOHN McDONALD

The C.S. Mactaggart Scholarships

RONALD CHARLES ALDRIDGE
JOSEPH RAYMOND SMITH

Undergraduate Scholarships

MARTIN IVAN ALAN BULMER
FRANCIS BRIAN PIZZALA

Graduate Awards

S. H. Bailey Scholarship in International Studies

WILLIAM EDGAR PATERSON

Graduate Studentships

NICHOLAS CHARLES OWEN
MARGARET JULIA LIM

Graduate Awards—continued

Graduate Studentships in Economics

PETER WILLIAM BERNSTEIN
LIAM TOAL BYRNE
HAROLD EDWARD CHAMPION
NOEL JOHN COGHLAN
GRANT WILSON CRAIK
STANLEY FISCHER
WILLIAM MICHAEL HANEMANN
PETER ANDREW HARDING
DAVID HAWDON
BRENDON BETHELL HORTEN
JOHN EARLE KIDGELL
JOHN RODGER MACE
GRAYHAM ERNEST MIZON
RICHARD COLIN MORRIS
ROBERT PARK
PHILIP RICHARD SHELTON
PRAVINCHANDRA KANTILAL TRIVEDI
KEITH VERNON
DAVID EDWARD FREDERICK WHITE
DAVID JOHN WILLIAMS

Greek Shipowners Studentship

TRIANAFYLLIA K. MATZIORINIS

Leverhulme Graduate Entrance Studentships for Overseas Students

MARSILI LIBELLI
STEPHEN ROBERT SACKS

Leverhulme Research Studentships

PRAMOD NAGORAO JUNANKAR
DOUGLAS ALISTAIR YOUNG

Leverhulme Research Studentship for Overseas Students

MICHAEL HARVEY RUBENSTEIN

The Jackson Lewis Scholarship

DAVID ALEXANDER REISMAN

Montague Burton Studentship in International Relations

ALAN KENNETH KAPLAN

Noel Buxton Studentship in International Relations

EDWARD ADAM ROBERTS

Rees Jeffreys Studentship in Transport

JONATHAN RADLEY TYLER

Research Studentship in the Sociology of the Jews in Britain

JOHN WOOLFE CARRIER

Scholarship in International Law

LEON DOLLIVER MACAULEY NELSON

Medals and Prizes

Arthur Anderson Prize in Accounting

CHRISTOPHER LESLIE NUNN

Harriet Bartlett Prize

Not Awarded

Bassett Memorial PrizesAPRIL FIORE CARTER
DEREK THOMAS WILLIAMS**Janet Beveridge Award**

CLAUDINE PRUDENCE SPENCER

Director's Essay Prize

Not Awarded

Farr Medal and Prize

GORDON JOHN BRACKSTONE

Gonner Prize

PETER ANDREW HARDING

Gourgey Essay Prize

ANGUS MCFARLANE

Hobhouse Memorial Prize

MICHAEL HILL

Hughes Parry PrizeIAN STEPHEN GRIER
HARVEY BARRY SHULMAN**Mostyn Lloyd Memorial Prize**

DIANA CHARMAIN MYFANWY LEIGH-WILLIAMS

Jessy Mair Cup for Music

JULIA LYNDALL WEINER

George and Hilda Ormsby PrizeEILEEN PARKINSON
TERENCE JOHN REDDIN**Premchand Prize**

STANLEY FISCHER

Raynes Undergraduate Prize

DAVID ANDREW BISHOP BATTRICK

Rosebery Essay Prizes

Not Awarded

School PrizesKRISHNAN NATH BHASKAR
CHRISTOPHER ROBIN BRYANT
JUDITH EDWARDS
SUSAN KYLE FINLAYMedals and Prizes—*continued***School Prizes**TIMOTHY IAN GRANT
IAN STEPHEN GRIER
RAYMOND JOHN McDONALD
BRYAN DAVID SCHLAGMAN
DAVID ANTHONY TURTON
BERNARD ALAN WAITES**Allyn Young Prize**

HENRY JAMES ANTHONY FRAYNE

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

STANLEY FISCHER

Loch Exhibition

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Metcalf Scholarship for Women

RITA THERESA HAYES

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TERESA ANN LOVELL

Eileen Power Studentship

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Sir Edward Stern Scholarship

SIMON WILLIAM JAMES ESSEX

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TESSA ANN VOSPER EVANS
PATRICIA L. GARSIDE
KEITH ALEXANDER HAMILTON
PETER ANDREW HARDING**Berlin Exchange Scheme Studentship**

HILARY ANN BALSHAW

Graham Wallas Memorial Scholarship

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

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Gladstone Memorial Prize

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NORMAN LEONARD BONNEY
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ROGER JOHN BULL
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CAROL ANN COSGROVE
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PETER JOHN DENT
AVINASH SHANKAR DHOPATKAR
FRANCIS WILLIAM ELLIS
JOHN WILLIAM ENGLAND
DAVID HOWARD EVANS
ANTONY FIELDING
RAYMOND ALAN FITZ-WALTER
DAVID PATRICK FRISBY
JEAN GAFFIN
FRANK EMILIO GODFREY GATTONI
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JOHN HUGH HAWKESWORTH

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

1965

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ALAN STEWART LUND
CHRISTOPHER JOHN MACKAY
JOHN MICHAEL MCNAMARA
NEIL WILLIAM MANSFIELD
GRAYHAM ERNEST MIZON
CHARLES MAURICE RUPERT MOORLEY
GARETH HOWELL JONES MORGAN
RICHARD MORLEY
ANDREW ROBERT MOSS
MARTYN RONALD MUST
BERNARD IAN MYERS
NIRUBHAI DAYALJI NAIK
CHRISTOPHER LESLIE NUNN
DESMOND PATRICK O'HAGAN
ANDREW JOHN OXLEY
JOHN CHRISTOPHER POWELL
JEFFREY JOHN PRICE
TERENCE JOHN REDDIN
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NORMAN ANTHONY ROSE
DENIS POINTON RYAN
VINCENT HERBERT GEORGE SEWELL
BARRY JOHN SHEERMAN
PHILIP RICHARD SHELTON
ROBERT JAMES SMITH
WILLIAM HUGH SMITH
BRYCE TAYLOR
DAVID ROY THOMAS
PRAVINCHANDRA KANTILAL TRIVEDI
JOHN FRANCIS TRUEMAN
SHAMSHUDIN GULAMHUSEIN VELLANI
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GEOFFREY WILKS
MARTIN EDWARD YATES

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IQBAL AKRAM
SAMUEL ALLISON
JUDITH MARY ALLSOP
JANET ASQUITH
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B.Sc. (Economics) Final Examination—continued
(REVISED REGULATIONS)

1965

SAHARNAZ BOUSHEHRI
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RODNEY HOWARD BULLOUGH
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STANISLAW FRANCISZEK CHOLAJ
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CONAL STRATFORD CONDREN
COLIN JOHN DAY
EDWARD WILLIAM DENHAM
DAVID THOMAS DILLON
EDWARD GEORGE DIXON
PATRICIA MARGARET WHITTLE DRAKE
COLIN PETER DUNN
RICHARD PAUL DYMCK
REX FINDLAY
SUSAN KATHERINE FINEMAN
SUSAN ANN FITCH
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MALCOLM FRY
JAMES CHRISTIAN FURLONGER
BARRIE GORE
JOHN MARCUS GREEN
BARBARA JANICE GREENBERG
RICHARD BARRY GREENWOOD
DAVID LEONARD GRIFFITHS
ANDREA ELIZABETH HALL
BERESFORD ROY HARRISON
RAYMOND HARRISON
JOHN NOEL HART
MALCOLM HEAP
DAVID HENDERSON MOODY HEPPPELL
SALLY ELIZABETH HOLTERMANN
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PETER MAURICE HULME
DIANA WARD HURST
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DAVID TREVOR JONES
SWADESH SINGH KALSI
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JOHN CLIFFORD KENDALL
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PATRICK JUSTIN LEO KIERNAN
DAVID LEONARD KING
SHIRAZ NURUDDIN MAHERALI LALANI
ALAN LEECH
GEOFFREY LITTERICK
AHMAD ABRAHIM MANGO
STANLEY RAYMOND MARCUS
MICHAEL JOHN MARTIN
JOHN MAUDSLEY
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B.Sc. (Economics) Final Examination—continued
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1965

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ONG KUEN LIEN
HILARY ENYIMEGBULAM ONUKOGU
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DENIS PARKER
MICHAEL FRANK PARKIN
DOLAT JALL PATEL
MICHAEL DAVID POSEN
WILLIAM HENRY PRICE
AROON PURIE
ROY STEPHEN REEVE
NAKHAT REHMAN
ALASTAIR MACKENZIE REID
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COLIN RENDALL
DOUGLAS MCLEOD ROBERTSON
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JULIAN NEIL RUTHERFORD
PETER RYLEY
WILLIAM JAMES SALT
FELIPE SAN JUAN
CHAKRAPANI SARATCHANDRAN
GORDON CRESWICK SCOTT
ISRAELITH SHEILA SEIDEN
PRAVINCHANDRA PRABHULAL SHAH
SANJAY BABUBHAI SHAH
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GAIL RUTH SHERIDAN
NEIL ANTHONY SHUTE
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GEORGE CURIAN THOMAS
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B.Sc. (Economics) Final Examination—continued
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SUDHEER PRABHAKAR DESAI
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MAURICE JACK ALEXANDER GLICKMAN
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B.Sc. (Economics) Final Examination—continued
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B.Sc. (Sociology) Final Examination

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B.A. Honours in Sociology

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B.A. Honours in Sociology—continued

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B.A. Honours in Anthropology

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SECOND CLASS

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

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MICHAEL JOSEPH TINK
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IAIN TOM COLQUHOUN
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IVOR STEPHEN GORDON
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TAJUDEEN OLAWALE IDRIS
NUHA ADENLULUOLA JOGUNOSINMI KOSOKO
AZIZ NOORMOHAMED KURTHA
DRORA ESTHER LEVY
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ALISTAIR GEOFFREY MACDUFF
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DEREK ALBERT OWEN
ROGER MCKENZIE PARVIN
ROBERT ALLAN SAUNDERS
PENELOPE-HELEN SPATHIS
JONATHAN KIRK STEPHENS
GEORGE NWOKOCHA-ONA UWECHUE
PETER DOUGLAS ZIMAN

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ROBERT EDWARD GORDON BLACKER
KIPKURUI CHERONO
HELEN DOUGLAS
STEVEN ANTHONY EATON
NDUKA EZE
GEOFFREY BAILLIE FIELDING
ROBIN MICHAEL HESLOP
JEREMY JOHN COPEMAN HILL
ALAN JACK KAY
FELIX CHARLES KHARSA
JOHN CHRISTOPHER MCGOWAN
REGINALD DUNCAN PEACOCK
JOHN DAVID SABEL

Higher Degrees

M.Sc. (Econ.) by Examination

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 MICHAEL DAVID BORDO
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 MARCUS BURSTIN
 *MARK FLETT CANTLEY
 HUGH EDWARD CONWAY
 ALAN JOHN DAVIES
 *NITIN DAYALJI DESAI
 HUGH MICHAEL DICKINSON
 JOHN ALAN DITCHFIELD
 CHARLES HUGH EAVES
 MARIA ARAUZAZU ECHEZARRETA
 JON NELS EKDAHL
 *DAVID JONATHAN PERETZ FELDMAN
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 TOMAS GARZA-HERNANDEZ
 STEPHEN THOMAS GOUDGE
 BRIAN GRIFFITHS
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 *DALE WILLIAM HENDERSON
 MICHAEL ROBERT VELLECK HODD
 GEORGE WILLIAM IRVIN
 ABU ISA AMINUL ISLAM
 IAN CAMPBELL JOHNSTON
 YOUSAF KAMAL
 KWAME AMOA KARIKARI
 EDWARD JOHN DAWSON KETCHUM
 JOHN RONALD BERESFORD KING
 TYRONE TAI LUN LAI
 YUEN TING LAI
 *HAYNE ELLIS LELAND
 JOHN JACOB LYONS
 THOMAS TAYLOR MACKIE
 ROGER DOUGLAS MCKENZIE
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 ANAND JAYAN TILAL MEHTA
 RAPHAEL ZVI MERON
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 SWASTI MITTER
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 RALPH DAVID OPPENHEIMER
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M.Sc. (Econ.) by Examination—continued

(NEW REGULATIONS)

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 JOSEPH RUDZINSKI
 SANAT KUMAR SAHA
 SAMUEL BARRY SCOTT
 RAYMOND ERNEST SHEATH
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 BANKEY BEHARI TANDON
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 BERNARD GRAHAM TURNER
 GERSHENSON JORGE UNIKEL
 ALFREDS HELMUTS VANAGS
 MINER HILL WARNER
 LAWRENCE JAY WHITE
 JOHN MICHAEL WHITTON
 MICHAEL RODEN WICKENS
 JOY ELIZABETH WOOLFREY
 MAY YOH

M.Sc. (Econ.)

(OLD REGULATIONS)

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 NOORI TO'MA AL-JAZAIRI
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 ANTHONY ANTONIADIS
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 THEODORE BALASKAS
 CHRISTOPHER BLADEN
 *COLIN MALCOLM BROWN
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 BISWANATH CHAUDHURI
 LUIS ANTONIO CHICO PARDO
 JAMES RALSTON CLEAVELAND
 MULFORD JAY COLEBROOK
 DAVID COLIN DALLIMORE
 OTTO CHARLES DOERING III
 *MICHAEL JOHN ELLMAN
 INES ESPINA PARES
 *GEOFFREY EDWARD FITCHEW
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Higher Degrees—continued
M.Sc. (Econ)—continued

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*CHRISTIAN HESSE
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FERHANG JALAL
ANTONIOS KAKOYANNIS
DEMETRIUS GEORGE KALODOUKAS
BASIL GERALD KAVALSKY
PATRICK JAMES KELLY
WOLFGANG KÖNIG
THOMAS MARK KRACZKIEWICZ
KAPPAGANTULA LAKSHMI
JOHN LEVENTAKIS
*MARGARET JULIA BENG CHU LIM
SYLVANUS AZUWUEZE MADUJIBEYA
ANN BANNON MARBUT
JEFFREY LORENCE MAYER
GREEN ONYEKABA NWANKO
PRIYAKANT NATHABHAI PATEL
ANTHONY ROBERT PATTEN
ROBERT ARTHUR PINKER
EDUARDO PUNSET CASALS
*GEOFFREY TREVIVIAN RENSHAW
EVA FREDA ROSKIES
HENRY GRAHAM SCOTT
ROBERT GRAHAM MICHEL SPRY
SIMON STANLEY STANDER
VINCENT BAKPETU THOMPSON

M.Sc.

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M.A.

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EL SAYED EL BUSHRA MAHAMMAD
*STEPHAN DAVID RAPHAEL FEUCHTWANG
DONALD ROBERT DE GLOPPER
*HILARY ANNE HAMMOND
CATHLEEN MARIE ANNE HARRISON
*JAGDISH NAMDEV HATTIANGADI
PENELOPE ANN HUNTER
OBAEDUL HUQ
CEDRIC LUCKIE MCCONNELL JOSEPH
PETER LEE MCLAREN
SIMON EDWARD MITCHELL
KWEI CHOO NG
PHILIP OLUFEMI OLUNSANYA
DAVID ROBERT EDWARD PHILPOTT
ERIC PROKOSCH
GAIL GRAHAM WILSON

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LL.M.

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CECIL GORDON BALE
KENNETH LOUIS BEAUGRAND
MICHAEL ERIC BUTLER
NWACHUKWU CHRISTOPHER ENWEZOR
ROBERT LIONEL HARRIS
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HUSSEIN MOHAMED HUSSEIN
MOHAMMAD JAMIL
PETER DONALD MCKENZIE
LEON DOLLIVER MACAULAY NELSON
SYLVANUS ADIEWERE NSOFOR
BENJAMIN CHUKWUNYERE OFOEGBU
ALEXIS VERNON PIENAAR
SAMUEL EUSTACE WILSON
FRANCIS WOOLDRIDGE

Ph.D.

- 1965
ERIC OKYERE AYISI
ROBERT FREDERICK BANKS
GEORGE BENNEH
CONSTANTINOS LOUIS BEROS
GISLI BLÖNDAL
DEBKUMAR BOSE
NIRMAL KUMAR CHANDRA
JAMES VINCENT COMPTON
JOHN CHARLES COWLEY
SIPRA DAS GUPTA
ROBERT WARREN VINCENT DICKERSON
ALY AHMED ALY EL-MONOFY
ANTHONY JAMES FIELDING
DAVID MICHAEL FOLEY
RODERICK DOUGLAS FRASER
ISAIAH FRIEDMAN
MICHAEL GRAHAM FRY
ISRAEL GETZLER
ELIZABETH JANE GOODACRE
PETER DIDERIK GROENEWEGEN
WINIFRED VERE HOLE
DARRIL HUDSON
ALICE CRAWFORD ILCHMAN
ZAFAR IMAM
ROBINSON WHISKY IMISHUE
STEWART CAMERON JOY
ABUL KHAIR NAZMUL KARIM
ERNEST KRAUSZ
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GUZINE A. K. RASHEED
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PETER ANDREW RIACH
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FREDERICK ROSEN
RADHE SHYAM RUNGTA
PHILIP SAUNDERS
PEDRO SCHWARTZ
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JOHN VANDERKAMP
JAMES CHARLES ARTHUR WHETTER
WARREN ELWOOD WILLIAMS

D.Sc. (Econ.)

1965 ALAN STUART

DIPLOMAS

(Awarded by the University of London)

Academic Postgraduate Diploma in Public Administration

PASS

1965 KYRIAKOS LERAKIS
GABRIEL EHIGIAMUSOE OSAROGIAGBON

DIPLOMAS

(Awarded by the School)

Diploma in Economic and Social Administration

DISTINCTION

1965 AFAZUDDIN AHMED
RAMASWAMY RAJAGOPAL IYER

PASS

ISMAIL NAZZAL ARMOUTI
AYLA ATAK
REGINALD ALFRED CUSCHIERI
FERESHTEH FARTASH
DIOSDADO FLOR
FRANCISCO GONZALEZ-MOLANO
CEDRIC GEOFFREY HUNT
ABDEL MAKSOUH MOHAMED IMAM
ABDUL RAHIM BIN ABDUL KADIR
OSCAR LOTI NKHATA
DO-NGOC PHUOC
HUMAYUN FAIZ RASUL

Diplomas—continued

1965 JOSE DE ANDRADE SOARES
ALI MOHAMED SOBEIH
VARADACHARI SRINIVASAN
RAM MOHAN TENNEKON
NEGUSSIE ZERIHUN

Diploma in Social Administration for Graduates

PASS

1965 CAROLYN VIDA ADAMS
PATRICIA ANNE BATE
MARGARET GILLIAN BENNETT
JULIA BLACKER
MARY JEAN BOWLES
BARRIE ANN MARY BRIERLEY
ISABEL ANN CARMICHAEL
ROGER JAMES CLOUGH
JENNIFER MARY COOPER
ROSEMARY ANNE HARRINGTON COOPER
MARGARET ANN DIXEY
MARY ELIZABETH DIXON
CHRISTINE DOREIAN
CHRISTINE ALISON DOUBLEDAY
MARGARET ROSE ELLIOTT
SARAH FROST
GEOFFREY GAINES
KATHARINE JEAN GILLIE
PATRICIA MARGARET GORDON
MAUREEN SYLVIA MARY GRIGGS
HERMIONE MARY HARRIS
ANDREW JOHN HAYES
MARY HILARY HUNT
CATHERINE JOY JONES
FRANK EDWIN JOYCE
BERNICE KAPLAN
JENNIFER MANN
JANET SARAH MARSH
PENELOPE JANE MILSOM
ROSEMARY ANNE MORRIS
RONALD ROSS MUNRO
ELIZABETH OLIVER-BELLASIS
JOHN HOWARD PEARCE
ELIZABETH ANN PHELPS
CONRAD WILLIAM HAROLD PIPER
ANNE ELIZABETH ROBSON
DIANA WILLOUGHBY STEWARD
MARY ROSALIND STUMPFL
MARGARET MINA VOSS
MARTIN GEORGE WHITE
PATRICIA MARY WILLIAMS
PHILIPPA MARY WOODHEAD
RONALD ERIC WRIGHT
VALERIE MARGARET WRIGHT
GEOFFREY WYNNE

Diploma in Social Administration for Non-Graduates

PASS

1965

GERALD BREDEKAMP
VALERIE FULFORD
JOHN PETER HART
NOEL FRANCES MARGARET HAYDON
JANET ELIZABETH HENRY
GERALD JOHN HORNER
JANET FRANCENE JACOBS
SUSAN MARY JONES
EDWARD JOHN KEEBLE
KATHARINE DORIS KNIGHT
ETHEL NORMA LACEY
MARY CECILIA LAVERY
SYLVIA OLWEN MANLEY
JANE MCKERRON
MICHAEL JOHN REDDIN
CLARE CYNTHIA ROYLANCE
GEOFFREY GEORGE SAGE
RICHARD MARTYN LEWELYN SAMUEL
CLAUDINE PRUDENCE SPENCER
JOAN MARY SURIB

Diploma in Social Administration for Graduates**(Overseas Course)**

PASS

1965

BASHIRA MANNAN
MAUREEN MEER
GRAHAM CHARLES PARLEY RICHES
BEN-EZRA GLADYS SINGERMAN
RICHARD JOHN OGIER WARD

Diploma in Social Administration for Non-Graduates**(Overseas Course)**

DISTINCTION

1965

DIANA CHARMIAN MYFANWY LEIGH-WILLIAMS

PASS

OSUMAN AARON AKO
JUBILINE ADEBIMPE APIAFI
BHUPENDRA MOHAN CHAKRABARTI
RAKHI GHOSH
M. ZAIDU GUSAU
OTSOGBA IYENAGBE MICHAEL IKHIMOKPA
JOHN MARY KATO
MARGARET BAMIDELE LIPEDE
MOHAMMED MAIGANA
PATRICIA GWENDOLINE MASSAY
JOHN AIDAN MAXWELL
JULIUS OLADEJO OJESINA
EUGENIA ROBBIN-COKER
ILSE SOHLMANN
JENNY UKO

Diploma in Personnel Management

DISTINCTION

1965

GEOFFREY ALAN THEODORE WISE

PASS

VERNON JOSEPH RUSSELL BAILEY
LAMBERT KAJUNA BARONGO
LAXMAN BALKRISHNA BHIDE
ANITA SARELLA BLOOM
JOHN ALAN BOSS
MICHAEL GEORGE THOMAS BUTTERWORTH
WILLIAM RUSSELL FYFE CORDELL
PATRICIA DINEEN
MARY WINIFRED DOWDING
ALAN DRINKWATER
JOHN IGHODARO EDIALA
CAROL FRANCES FALCONER
EZEKIEL OLAREWAJU FATIREGUN
SUSAN FROST
KATHLEEN ANNE GOODBODY
PETER DAVID HOWSON
CAROLINE JANE McDONNELL
MARCIA SANDRA MCKEAND
RONA KENDALL MILNE
BARBARA MARY MORRIS
KESHO PRASAD
RODNEY MATTHEW ST. ROSE
ANNE BARBARA STURZAKER
KAILASH CHANDRA TEWARI
PAMELA GAY WILKINSON
ARTHUR JOHN YOUNG

Diploma in Applied Social Studies

DISTINCTION

1965

BARBARA ANNE CHARLWOOD
ORA THOMSON

PASS

ANTHONY GEORGE AUSTIN
JANE MARGARET MAULE BLACK
MARY ELIZABETH CITRON
JANE COURTIS
ALAN DEITCH
IAN MALCOLM DUNBAR
MARY ANN GORDON
EDWARD STEWART HANNAH GRIGOR
HAROLD PHILIP HEPWORTH
JOAN HEWITT
DAVID WILLIAM HILL
VIRGINIA ANN IRVING
JENNIFER JOSLIN
ERMYNE LEE KIN
MAUREEN LEVENSON
JOHN BURNELL LONGHURST
MARGHERITA ELISA MANLEY

Diploma in Applied Social Studies—*continued*

1965

MICHAEL EDWARD NAISH
 JENNIFER ELIZABETH PARSONS
 JACQUELINE CATHERINE SCOBIE PATERSON
 NICHOLAS FRANK KILLEEN ROSE
 ALICE ESITA SEBIGAJU
 BRENDA SMITH
 ALISON AMY STILL
 GEORGE GIBSON STRANG
 KATHLEEN MARY TINSON
 SUSAN JESSAMINE GABRIELLE VIDAL
 JOAN MARGARET HODEL WARDLE
 MARJORIE LOUISE WEBBER
 MARY JOYCE WOODWARD
 JUDITH ROWENA WOOLDRIDGE

Diploma for Social Workers in Mental Health

DISTINCTION

1965

FAITH DODDS McCULLEY
 MARY PATRICIA TWYMAN

PASS

ARTHUR ALFRED BEELS
 GILLIAN BELL
 JOAN MARY BRUGGEN
 JOHN DENNIS BURROWES
 SHEILA PHYLLIS COHEN
 KENNETH WILLIAM RAPHAEL CRANE
 CAROLYN MAYNARD DOUGLAS
 NINA EDNA DRUCKER
 JACOB TUNJI ERINLE
 HUGH GEE
 VINCENT SAMUEL GILPIN
 JUNE MURIEL HENLEY
 BARBARA JANET HERMON
 MADGE SISSIE HIGGS
 CHRISTIANA VALERIE HORROCKS
 DOROTHY JOAN LANG
 SANDRA WENDY COOPER LOVELL
 WINIFRED AURORA MARY ISABELLA MAITLAND
 MARGARET ROSE McCOWEN
 ROBERT SAMUEL MORTON
 MARGARET HELEN SCOTT BRODIE PARIS
 ALAN FRANCIS PUCKETT
 JOAN TODD RAINEY
 HERMIONE RAVEN
 JEAN WILKIE ROBERTSON
 RAYMOND EDGAR ROGERS
 HARRY ROONEY
 JILL RAYMONDE SAXBY
 JUDITH ANNE SOMERSCALES
 ROSEMARY VERITY CLARE TREDGOLD
 MARGARET SLATER WATTS
 ARTHUR ERNEST YOUNG

CERTIFICATES

Certificate in International Studies

PASS

1965

FRANCIS MERVYN ATHERTON CLAXTON
 JUDE MILTON DE LIMA
 CHRISTINE MARIE NOWACKA
 BARBARA JUNE SHEPHERD
 R. WILLIAM WINGET

Athletic Awards

Steel-Maitland Cup
IAN WEBB

Steel-Maitland Cup for Women
ELIZABETH ANN WALTON

Wilson Potter Cup
CARL RAYMOND STOTT

Ernest Cornwall Cup
TABLE TENNIS CLUB

Wiseman Cup
CRICKET CLUB

Club Awards

Badminton: Men's Singles
KOH TENG BIN

Badminton: Men's Doubles
KOH TENG BIN
BIMAN CHAUDHURY

Badminton: Women's Singles
ELIZABETH ANN WALTON

Badminton Mixed Doubles
KOH TENG BIN
ELIZABETH ANN WALTON

S. H. Beaver Cricket Captain's Cup
JEREMY JOHN COPEMAN HILL

Cross-Country Club Cup
NEIL DONKIN

Lawn Tennis: Men's Singles
ANTHONY ROBIN SYMES

Lawn Tennis: Women's Singles
ELIZABETH ANN WALTON

Open Day Awards

100 Yards Challenge Race (Men)
LAURENCE COOKLIN

ATHLETIC AWARDS

440 Yards Challenge Race (Men)
PETER GREENHALGH

Invitation One Mile Race (Men)
NEIL DONKIN

Gutteridge Tug-of-War Cup
RUGBY CLUB

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. The Committee consists of the Director and the Secretary, the Chairman of each of the Research Divisions and of the Research Techniques Division, 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 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 A. Stuart 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 three full-time Research Fellows, Mr. M. J. A. Cooch, Mr. T. W. Harries and Mr. M. H. J. Webb.

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: Professor 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 staff of twenty-eight, made up of research personnel with clerical and technical support. The research staff include Mr. D. W. Osborne (Group Head); Dr. B. M. Speak and Mr. P. J. Didcott (Senior Research Officers); Miss V. Walters (Research Officer); Mr. A. Varlaam, Mr. D. A. Robinson and Mr. R. J. Workman (Research Assistants). Miss J. Mason is Office Manager and Mrs. B. Goundry is head of the Analysis Section.

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 now in progress. The entire project is financed by the Home Office and the grant for 1966-67 is approximately £18,000. The second

long-term project is a series of studies of the validity and reliability of questioning methods used in social and business research. It involves the study of such things as respondent understanding of survey questions, the accuracy of respondent memory in the survey situation and the reliability of rating scales. This seven-year project is financed by more than fifty business and research organisations in Britain. The project has now been in operation for about two years. In that time six major studies have been commenced, two of which have been completed and two more of which are nearing completion. The Centre has set up an Analysis Section to service the research.

The Survey Research Centre circulates reports of its work widely to university teachers, to other social scientists and to those conducting business research. In addition, preparations are now being made for the circulation to these people of summaries of published reports about enquiries into the techniques of social and business research.

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; Manpower and Educational Planning in India; and the Finance of Education. Two projects, the study of the L.S.E. Graduate School and the Demand for Higher Education have been completed. The former will be published as a book and the latter has resulted in a paper to be published by O.E.C.D.

Financial support for the Unit comes from the following bodies: Nuffield Foundation: £64,165 over five years; the Department of Education and Science (three grants): £9,000 and £8,250 both over three years and £5,150 to cover the cost of the Graduate School study; the Science Research Council (formerly the Department of Scientific and Industrial Research): £19,729 over three years; the Ford Foundation: £54,000 over three years; and the Ministry of Overseas Development: £31,950 over three years. With small grants from O.E.C.D. for

particular pieces of work, a total of some £194,000 has been received by the Unit.

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; Research Fellows: Mr. M. Hall and Mr. D. Ovens; Senior Research Officers: Mr. T. Burgess, Mr. H. Glennerster, Mrs. R. Knight (part-time) and Dr. C. Smith; Research Officer: Mr. S. Merrett; Research Assistants: Dr. M. Ager, Miss C. Hewlett and Mrs. D. Jones (part-time), Mr. J. Levy, Mr. P. Matthews and Miss J. Weltman; Consultants: Dr. M. Blaug, Mr. R. Crossley, Professor M. Peston, Mr. P. Redfern, Lord Robbins and Professor B. Thomas.

PUBLICATIONS BY MEMBERS OF THE STAFF

Publications

BY MEMBERS OF THE STAFF FROM 1 OCTOBER 1964 TO
30 SEPTEMBER 1965

(This list includes a certain number of publications which appeared too late in 1963-64 to be included in the report for that year.)

Accounting

MR. P. A. BIRD:

- "Waiting for the Accounts" (*The Accountant*, 9 January 1965).
- "Accounting Principles and Tax Law" (*Accountancy*, February 1965).
- "Tax Incentives to Capital Investment" (*Journal of Accounting Research*, Spring 1965).
- (With C. I. Jackson) "Water Meters: Why Not?" (*New Society*, 17 June 1965).

MR. B. V. CARSBURG:

- "The Treatment of Stock-in-Trade in Company Accounts" (*The Investment Analyst*, December 1964).

PROFESSOR H. C. EDEY:

- Accounting: An Outline Introduction* (Oxford University Business Summer School Pamphlet, 1965).
- (With A. T. Peacock) *Renda Nacional e Contabilidade Social* (Zahar Editores, Rio de Janeiro, 1963).

Anthropology

DR. B. BENEDICT:

- "Mauritius: the Problems of a Plural Society" (*Pall Mall*, 1965).

PROFESSOR RAYMOND FIRTH:

- Primitive Polynesian Economy* (Second edn.) (Routledge & Kegan Paul, 1965).
- Społeczności Ludzkie* (Polish edition of *Human Types*) (Państwowe Wydawnictwo Naukowe, Warsaw, 1965).
- "Family and Kinship in Industrial Society" (*Sociological Review Monograph* No. 8, October 1964).
- "Family in Tikopia" in M. F. Nimkoff (Ed.) *Comparative Family Systems* (Houghton Mifflin, Boston, pp. 105-20, 1964).
- "L and R in Tikopia Language" (*Oceanic Linguistics*, Vol. II, No. 2, Winter 1963).
- (Introduction to) "Leadership and Economic Growth" (*International Social Science Journal*, Vol. XVI, No. 2, 1964).

DR. J. R. FOX:

- "Witchcraft and Clanship in Cochiti Therapy" in Ari Kiev (Ed.) *Magic, Faith and Healing* (Free Press, 1964).
- "Prolegomena to the Study of British Kinship" in J. Gould (Ed.), *Penguin Survey of the Social Sciences* (Penguin Books, 1965).
- "Demography and Social Anthropology" (*Man*, May-June 1965).

PROFESSOR M. FREEDMAN:

- Lineage Organization in Southeastern China* (paperback edn., L.S.E. Monographs on Social Anthropology, Athlone Press, 1965).
- The Chinese in Southeast Asia—A Longer View* (China Society Occasional Papers, The China Society, London, 1965).

- "The Family in China, Past and Present" in A. Feuerwerker (Ed.), *Modern China* (Prentice-Hall, Inc., Englewood Cliffs, N.J., 1964).
 (Definitions of) "Descent", "Kinship and Kinship System", etc., in J. Gould and W. L. Kolb (Eds.), *A Dictionary of the Social Sciences* (Tavistock Publications (1959), London, 1964).
- PROFESSOR E. A. GELLNER:
 "Sanctity, Puritanism, Secularisation and Nationalism in North Africa" in J. G. Peristiany (Ed.), *Acts of the Mediterranean Sociological Conference*, July 1963 (Social Sciences Centre, Athens. Previously published in *Archives de Sociologie des Religions*, No. 15, 1963).
 (Review Article) E. Evans-Pritchard, "The Position of Women in Primitive Society and other Essays" (*The Oxford Magazine*, 17 June 1965).
- DR. C. I. JACKSON:
 "A Comment on 'Infantile Stimulation and Adult Male Height'" (*American Anthropologist*, August 1965).
- PROFESSOR L. P. MAIR:
 "Tradition and Modernity in the New Africa" (*Transactions of the New York Academy of Sciences*, February 1965).
 "L'Afrique Orientale" (*Revue Juridique et Politique Indépendance et Coopération*, January-March 1965).
- DR. H. S. MORRIS:
 (Definitions of) "Land Tenure", "Social Organization" in J. Gould and W. L. Kolb (Eds.), *A Dictionary of the Social Sciences* (Tavistock Publications (1959), London 1964).
 "The Sago Industry of Oya and Mullato" (*Sarawak Gazette*, Vol. XCI, No. 1286, 30 April 1965).
- PROFESSOR I. SCHAPERA:
Praise Poems of Tswana Chiefs (Clarendon Press, Oxford, 1965).
- DR. A. P. STIRLING:
Turkish Village (Weidenfeld and Nicholson, January 1965).
 "Impartiality and Personal Morality" in John Peristiany (Ed.), *Acts of the Mediterranean Sociological Conference*, July 1963 (Social Sciences Centre, Athens).
- Criminology**
- DR. A. LITTLE:
 "The Increase in Crime 1952-62: an Empirical Analysis on Adolescent Offenders" (*British Journal of Criminology*, January 1965).
 "The 'Incidence' and 'Prevalence' of Delinquency and Recidivism in England and Wales" (*American Sociological Review*, February 1965).
 "The 'Quality' of Borstal Receptions" (*British Journal of Criminology*, April 1965).
 "How Violent is Our Crime?" (*Twentieth Century*, Winter 1964-5).
- DR. T. P. MORRIS:
 "The Sociology of Crime" (*New Society*, 29 April 1965).
- MR. J. E. HALL WILLIAMS:
 "The Use the Courts Make of Prison" in Paul Halmos (Ed.), *Sociological Studies in the British Penal Services* (Sociological Review Monograph, Keele, 1964).

Demography

- PROFESSOR D. V. GLASS:
 (Editor with D. E. C. Eversley) *Population in History* (Edward Arnold, August 1965).
 "The Organisation and Spread of Birth Control in Western Europe" (*Symposium on Research into Family Limitation*, Population Council and Ford Foundation, Geneva, August 1965).

- MR. J. HAJNAL:
 "European Marriage Patterns in Perspective" in D. V. Glass and D. E. C. Eversley (Eds.), *Population in History* (Edward Arnold, August 1965).
 (Definitions of) "Family Size", "Morbidity", "Mortality", etc., in J. Gould and W. L. Kolb (Eds.), *A Dictionary of the Social Sciences* (Tavistock Publications (1959), London, 1964).
- DR. S. THAPAR:
 "Fertility Rates and Intervals between Births in a Population in Delhi" (Paper contributed for the United Nations World Population Conference, Belgrade, Yugoslavia, 30 August to 10 September 1965).
- Economics**
- PROFESSOR P. T. BAUER:
 (Re-issue of 1961 edition with new Preface) *Indian Economic Development and Policy* (Popular Prakashan, Bombay, 1965).
 (Preface) R. Szereszewski, *Structural Changes in the Economy of Ghana, 1891-1911* (Weidenfeld and Nicolson, London, 1965).
 "Some Aspects and Problems of Trade in Africa" in E. F. Jackson (Ed.), *Economic Development in Africa* (Basil Blackwell, Oxford, 1965).
 "Planning and the Food Crisis" (*Swarajya*, Annual Review Number, 1965).
 "Asian Prospects" (*New Commonwealth*, July 1965).
 "The Vicious Circle of Poverty" (*Weltwirtschaftliches Archiv*, special development number, September 1965).
- DR. M. E. BEESLEY:
 (With J. F. Kain) "Urban Form, Car Ownership and Public Policy: an appraisal of Traffic in Towns" (*Urban Studies*, Vol. 1, No. 2, November 1964).
 "Buchanan Reconsidered" (*New Society*, 24 December 1964).
 "The Value of Time Spent in Travelling: Some New Evidence" (*Economica*, Vol. XXXII (New Series), No. 126, May 1965).
 (With C. D. Foster) "The Victoria Line: Social Benefit and Finances" (*Journal of the Royal Statistical Society*, Series A (General), Vol. 128, Part I, pp. 67-68, 1965).
 (With A. A. Walters) "Social Benefit Studies of Urban Railway Investment in London" (*Tijdschrift voor Vervoerswetenschap*, pp. 141-156, Nederlands Vervoerswetenschappelijk Instituut, Rotterdam, Eerste Jaargang, 1965).
 "Great Britain and Northern Ireland: (C.) Transport" (*Encyclopaedia Britannica*, Vol. 10, pp. 767-771, 1965).
- MRS. M. H. BROWNE:
 "Industrial Labour and Incomes Policy in the Republic of Ireland" (*British Journal of Industrial Relations*, March 1965).
- SIR SYDNEY CAINE:
 "International Commodity Agreements and the Commonwealth" (*Journal of the Royal Society of Arts*, September 1965).
- MR. R. H. CASSEN:
 "Choice in the Social Services" (*New Society*, 10 June 1965).
- MR. W. F. CRICK:
 "The Crick Report (Report on a Higher Award in Business Studies, H.M.S.O. 27-371, March 1964)—Future Action" ("Policy in Perspective", report of BACIE Annual Conference, September 1964).
 "International (Commonwealth) Banking Today"; "The Upsurge of Enterprise", "The Spread of Monetary Autonomy" and "New Problems for the Expatriate Banks" (*The Banker*, January, February, April 1965).
 (Editor and contributor) *Commonwealth Banking Systems* (Oxford University Press, September 1965).

- PROFESSOR E. DEVONS:
 (With Max Gluckman) *Closed Systems & Open Minds* (Oliver & Boyd, 1964).
 "Economists and the Public" (*Lloyds Bank Review*, July 1965).
- PROFESSOR SIR RONALD EDWARDS:
 (Presidential Address) "Electricity and Economic Policy" in *Proceedings of the Seventeenth British Electrical Power Convention* (British Electrical Power Convention, 21 June 1965).
- MR. S. D. GERVASI:
 "Publicité et Théorie Economique" (*Economie et Humanisme*, November-December 1964).
 "Labour's Economic Strategy" (*Views*, July 1965).
 "The United States and Viet Nam" (*Venture*, June 1965).
- MR. J. R. GOULD:
 (With L. E. Preston) "Resale Price Maintenance and Retail Outlets" (*Economica*, Vol. XXXII, No. 127, August 1965).
- MR. K. KLAPPHOLZ:
 "Value Judgments and Economics" (*The British Journal for the Philosophy of Science*, August 1964).
- MRS. R. KNIGHT
Bibliography on Income and Wealth, 1957-60 (International Association for Research in Income and Wealth, Yale, Newhaven, Conn., 1964).
 "Education" (Chapter 14) in W. Beckerman and others, *The British Economy in 1975* (Cambridge University Press, 1965).
- DR. D. MAZUMDAR:
 "Size of Farm and Productivity: a Problem of Indian Peasant Agriculture" (*Economica*, May 1965).
- DR. E. J. MISHAN:
Welfare Economics: Five Introductory Essays (Random House, 1964).
 "Say's Law & Walras' Law Once More: a Reply" (*Quarterly Journal of Economics*, August 1964).
 "The Welfare Criteria that Aren't" (*Economic Journal*, December 1964).
 "How to Make a Burden of the Public Debt; A Rejoinder" (*Journal of Political Economy*, October 1964).
 "The Demand for Labour in a Classical and Keynesian Framework" (*Journal of Political Economy*, December 1964).
 "Trade Creating Customs Unions—A Comment" (*Economic Journal*, March 1965).
 "Reflections on Recent Developments in the Concept of External Effects" (*Canadian Journal of Economics & Political Science*, February 1965).
 (With R. G. D. Allen) "Is the Substitution Term Ambiguous?" (*Economica*, May 1965).
 "The Current Debate on Welfare Criteria" (*Oxford Economic Papers*, June 1965).
- DR. L. NEEDLEMAN:
The Economics of Housing (Staples Press, 1965).
 (With B. Scott) "Regional Problems and Location of Industry Policy in Britain" (*Urban Studies*, November 1964).
 "What Are We to Do About the Regional Problem?" (*Lloyds Bank Review*, January 1965).
 "Emigrazione o industrializzazione per le regioni arretrate?" (*Mercurio*, April 1965).
- DR. S. A. OZGA:
 "Teoria della produttività marginale e sviluppo economico costante" (*Rivista di Politica Economica*, August-September, 1964).

- "The Propensity to Save, the Capital-Output Ratio, and the Equilibrium Rate of Growth" (*Economica*, November 1964).
Expectations in Economic Theory (Weidenfeld & Nicolson, August 1965).
- PROFESSOR F. W. PAISH:
Policy for Incomes, Part I of *The Limits of Income Policies* (Hobart Paper No. 29, Institute of Economic Affairs, September 1964).
 (Editor) *Benham's Economics* (7th edn., March 1965).
 "Monetary Policy and the Control of the Post-war British Inflation" Chapter 7 in *United States Monetary Policy* (Revised edn.) (The American Assembly and A. Praeger, 1964).
 "Three Choices for the Chancellor" (*Statist*, 19 March 1965).
 "The Budget I Should Like to See" (*The Financial Times*, 5 April 1965).
 (Review Article) "The Management of the British Economy" (*Lloyds Bank Review*, April 1965).
- MR. H. B. ROSE:
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Statistics of Students

Analysis of Regular and Occasional Students, 1961-66

	Session 1961-62	Session 1962-63	Session 1963-64	Session 1964-65	Session 1965-66
REGULAR STUDENTS—					
First Degree	1417	1460	1478	1552	1634
First Diploma	80	91	79	81	80
Higher Degree	718	792	854	922	970
Higher Diploma and Certificate	241	248	247	225	220
Research Fee	169	163	189	138	125
Other Regular	153	122	150	101	89
TOTAL OF REGULAR STUDENTS	2778	2876	2997	3019	3118
OCCASIONAL STUDENTS	332	393	355	328	360
GRAND TOTAL	3110	3269	3352	3347	3478

Analysis of Overseas Students, 1961-66

	Session 1961-62	Session 1962-63	Session 1963-64	Session 1964-65	Session 1965-66
REGULAR STUDENTS—					
First Degree	278	249	209	229	172
First Diploma	32	32	33	31	22
Higher Degree	423	426	453	471	403
Higher Diploma and Certificate	94	72	83	83	56
Research Fee	144	140	176	122	85
Other Regular	138	109	120	89	74
OCCASIONAL STUDENTS	152	203	145	208	216
TOTAL	1261	1231	1219	1233	1028

NOTE: For a definition of the terms "Regular" and "Occasional" student see page 145.

Analysis of Regular and

REGULAR STUDENTS	SESSION 1965-66						Grand Total	
	DAY STUDENTS			EVENING STUDENTS				
	Men	Women	Total	Men	Women	Total		
B.Sc.(Economics)	1st year	301	53	354	31	6	37	1127
	2nd year	282	44	326	34	2	36	
	3rd year	262	51	313	24	3	27	
	4th year				20	1	21	
	5th year				12	1	13	
B.A.(Sociology)	1st year	11	18	29				163
	2nd year	5	13	18				
	3rd year		14	14				
B.Sc.(Sociology)	1st year	19	22	41				163
	2nd year	21	15	36				
	3rd year	13	12	25				
LL.B.	1st year	55	16	71	6	2	8	207
	2nd year	59	9	68	10		10	
	3rd year	46	2	48	2		2	
B.A. Honours Anthropology:	1st year		2	2				9
	2nd year		1	1				
	3rd year	3	1	4				
B.Sc. (Special) Anthropology:	1st year	1	1	2				60
B.A. Honours Geography:	1st year	6	8	14				
	2nd year	8	12	20				
B.Sc. (Special) Geography:	1st year	7	6	13				60
	2nd year	8	2	10				
	3rd year		2	2				
B.A. Honours History:	1st year	14	6	20				50
	2nd year	7	8	15				
	3rd year	12	3	15				
B.A. Honours Philosophy and Economics:	1st year	5	1	6				18
	2nd year	5	5	10				
	3rd year	2		2				
M.Sc. (One year) Course	1st year	193	46	239	35	18	53	970
	2nd and subsequent years	15	6	21	11	3	14	
M.Sc.(Econ.)	1st year	26	2	28	64	11	75	
Ph.D.	1st year	113	15	128	87	12	99	349
	2nd and subsequent years	62	23	85	45	10	55	
M.Phil.	1st year	21	3	24	7		7	
LL.M.	1st year	11	2	13	8	1	9	24
	2nd and subsequent years	17	15	32	15	10	25	
M.A.	1st year	67	11	78	14	1	15	
Research Fee	1st year	13	10	23	7	2	9	101
	2nd year							
University Academic Postgraduate Diplomas								3
Anthropology		1	2	3				
Law					1		1	
Public Administration								1
Diplomas awarded by the School								
Diploma in Applied Social Studies		9	27	36				
Diploma in Development Administration		10	2	12				
Diploma in Mental Health		11	23	34				
Diploma in Operational Research		12	1	13				
Diploma in Personnel Management		20	6	26				
Diploma in Social Administration:								146
1 year course		12	54	66				
2 year course 1st year		11	29	40				
	2nd year	23	17	40				
Course in Business Administration		15		15				15
Composition Fee								
General Course		57	13	70				
Foreign Service Course		14		14				14
Overseas Service Course		1		1				
Trade Union Studies		18		18				
TOTAL OF REGULAR STUDENTS		1940	650	2590	444	84	528	3118
OCCASIONAL STUDENTS		180	92	272	77	11	88	360
GRAND TOTAL		2120	742	2862	521	95	616	3478

Occasional Students, 1964-66

REGULAR STUDENTS	SESSION 1964-65						Grand Total	
	DAY STUDENTS			EVENING STUDENTS				
	Men	Women	Total	Men	Women	Total		
B.Sc.(Economics)	1st year	288	46	334	34	5	39	1085
	2nd year	254	49	303	46	6	52	
	3rd year	247	45	292	26	3	29	
	4th year				18		18	
	5th year				15	3	18	
B.A.(Sociology)	1st year	6	12	18				139
	2nd year		14	14				
	3rd year	3	21	24				
B.Sc.(Sociology)	1st year	21	15	36				139
	2nd year	11	14	25				
	3rd year	10	12	22				
LL.B.	1st year	56	9	65	6	1	7	200
	2nd year	50	5	55	12		12	
	3rd year	47	12	59	2		2	
B.A. Honours Anthropology:	1st year		1	1				7
	2nd year	3	1	4				
	3rd year	1	1	2				
Geography:	1st year	9	12	21				52
	2nd year	7	6	13				
	3rd year	8	10	18				
History:	1st year	8	9	17				51
	2nd year	13	3	16				
	3rd year	8	10	18				
Philosophy and Economics:	1st year	5	5	10				15
	2nd year	2	1	3				
	3rd year	1	1	2				
B.Sc.(Special) Geography:	1st year	1	2	3				3
M.Sc.(Economics) 1 year Course		143	26	169	26	4	30	922
M.Sc.(Economics) 1st year		54	10	64	25	5	30	
2nd and subsequent years		63	22	85	88	10	98	
M.Sc. 1st year			1	1				313
2nd and subsequent years		1	1	2	2	1	3	
Ph.D. 1st year		19	2	21	12	1	13	
2nd and subsequent years		128	19	147	76	14	90	
LL.M. 1st year		27	3	30	4	1	5	22
2nd and subsequent years		12	1	13	7		7	
M.A. 1st year		17	16	33	7	3	10	
2nd and subsequent years		29	16	45	18	9	27	
Research Fee 1st year		87	17	104	13	5	18	116
2nd year		10	2	12	4		4	
University Academic Postgraduate Diplomas								3
Anthropology		1	2	3				
Law		3		3				
Public Administration		1		1				1
Statistics								
Diplomas awarded by the School								35
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:								138
1 year course		12	45	57				
2 year course 1st year		23	17	40				
	2nd year	14	27	41				
Certificate in International Studies	1st year							3
	2nd year	1	2	3				
Course in Business Administration		17		17				17
Composition Fee		18		18				
General Course		47	19	66				
Industrial Financing								11
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

Analysis of Overseas Students in Attendance at the London
School of Economics during the Sessions

	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66
Balkan States ..	53 (49)	70 (58)	67 (57)	58 (52)	51 (46)	7 (7)
France ..	10 (4)	9 (5)	2 (—)	7 (5)	8 (6)	10 (5)
Germany ..	36 (11)	29 (15)	29 (17)	43 (32)	43 (25)	47 (24)
Greece*	—	—	—	—	—	22 (20)
Holland ..	4 (2)	5 (3)	3 (2)	1 (1)	2 (2)	5 (5)
Italy ..	15 (8)	14 (11)	16 (11)	8 (8)	13 (7)	9 (4)
Poland..	4 (3)	6 (5)	3 (3)	2 (2)	4 (4)	6 (6)
Russia ..	1 (1)	1 (—)	1 (1)	2 (2)	3 (3)	— (—)
Scandinavia ..	18 (16)	15 (13)	14 (9)	17 (13)	11 (9)	14 (6)
Switzerland ..	16 (6)	8 (3)	9 (4)	6 (2)	4 (1)	3 (—)
Others ..	42 (36)	60 (47)	47 (32)	41 (37)	51 (40)	38 (29)
<i>Total Europe</i> ..	<i>199 (136)</i>	<i>217 (160)</i>	<i>191 (136)</i>	<i>185 (154)</i>	<i>190 (143)</i>	<i>161 (106)</i>
Burma..	9 (9)	10 (10)	9 (9)	3 (3)	1 (1)	1 (1)
Ceylon ..	18 (17)	22 (20)	22 (19)	12 (12)	11 (11)	7 (7)
China ..	—	4 (4)	—	—	—	7 (6)
India ..	143 (139)	122 (117)	108 (102)	97 (94)	93 (87)	60 (58)
Pakistan ..	30 (28)	26 (25)	29 (29)	42 (42)	42 (42)	29 (29)
Israel ..	28 (24)	27 (24)	20 (17)	24 (18)	18 (16)	6 (2)
Japan ..	17 (12)	16 (13)	25 (16)	25 (19)	22 (14)	16 (2)
Turkey†	—	—	—	—	—	15 (9)
Others ..	92 (84)	116 (100)	119 (103)	102 (93)	101 (86)	72 (58)
<i>Total Asia</i> ..	<i>337 (313)</i>	<i>343 (313)</i>	<i>332 (295)</i>	<i>305 (281)</i>	<i>288 (257)</i>	<i>213 (172)</i>
Ghana ..	23 (20)	30 (30)	34 (34)	29 (28)	24 (22)	13 (12)
Nigeria ..	87 (79)	94 (90)	90 (87)	80 (76)	71 (66)	55 (53)
Egypt ..	21 (20)	16 (16)	15 (15)	16 (13)	16 (15)	13 (11)
South Africa ..	28 (25)	34 (33)	34 (32)	34 (33)	37 (32)	25 (23)
Others ..	48 (46)	67 (65)	47 (45)	57 (55)	56 (54)	47 (45)
<i>Total Africa</i> ..	<i>207 (190)</i>	<i>241 (234)</i>	<i>220 (213)</i>	<i>216 (205)</i>	<i>204 (189)</i>	<i>153 (144)</i>
Canada ..	78 (69)	102 (89)	93 (84)	87 (84)	92 (84)	74 (70)
United States ..	209 (168)	220 (187)	266 (191)	291 (225)	319 (236)	324 (243)
Others ..	—	4 (4)	6 (5)	5 (4)	6 (5)	1 (1)
<i>Total North America</i>	<i>287 (237)</i>	<i>326 (280)</i>	<i>365 (280)</i>	<i>383 (313)</i>	<i>417 (325)</i>	<i>399 (314)</i>
<i>West Indies</i> ..	<i>39 (38)</i>	<i>33 (31)</i>	<i>33 (33)</i>	<i>34 (34)</i>	<i>43 (42)</i>	<i>23 (22)</i>
<i>Central America</i>	<i>11 (7)</i>	<i>10 (9)</i>	<i>11 (9)</i>	<i>4 (4)</i>	<i>2 (2)</i>	<i>4 (3)</i>
<i>South America</i> ..	<i>57 (41)</i>	<i>46 (37)</i>	<i>40 (24)</i>	<i>43 (36)</i>	<i>48 (30)</i>	<i>40 (20)</i>
Australia ..	24 (21)	38 (37)	28 (27)	34 (32)	28 (25)	25 (22)
New Zealand..	6 (6)	4 (4)	9 (9)	11 (11)	11 (11)	9 (9)
Fiji ..	—	3 (3)	2 (2)	2 (2)	2 (1)	1 (—)
Others..	—	—	—	2 (2)	—	— (—)
<i>Total Oceania</i> ..	<i>30 (27)</i>	<i>45 (44)</i>	<i>39 (38)</i>	<i>49 (47)</i>	<i>41 (37)</i>	<i>35 (31)</i>
Total ..	1167 (989)	1261 (1108)	1231 (1028)	1219 (1074)	1233 (1025)	1028 (812)

The figures in brackets denote the number of Regular Students.

* Previously included in Balkan States.

† Previously included in Asia: Others.

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 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; overseas students may obtain them.

(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 1967 is 1 September 1966. 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) 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 147. 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.

(6) 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.

(7) 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 write to the Registrar giving his reasons.

(8) Candidates will be informed of the result of their applications through the U.C.C.A. 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.

(9) 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;
- 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. degrees.

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

At the time of going to press the course requirements for the B.Sc. in Social Anthropology and Geography were under review. Candidates for these degrees should consult the Registrar.

Additional Information for Overseas 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) Those who do not hold the relevant British qualifications listed on page 147, but who hold a qualification enabling them to enter a foreign university may be considered by a special Entrance Board of the University of London. Such students should in the first instance apply for admission to the School through the U.C.C.A. If the School is willing to admit them it will forward their applications to the special board for consideration.

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

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

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

GENERAL COURSE 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.

(1) Applications for General Course registration will be considered from *undergraduates* who will have completed at least two years of study in a foreign university by the time of their enrolment at the School. 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 pp. 156 and 246-7).

(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.

(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 tutor's confidential 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

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

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

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

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

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

(6) 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 recognized 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. Bags, coats and other possessions of students must not be left in School premises in any place in which they may cause obstruction or danger. Cloakrooms, lockers and, in some cases, special racks are provided for the convenience of students, but the School does not accept liability for any loss of personal property of students or damage to it.

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

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

19. 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.

20. 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.

21. 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.

22. 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 1966-67: 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 (fourth floor, Connaught House)".

(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 and B.Sc. degrees in Geography, and to the B.Sc. (Econ.) degree with the special subject of Geography.

² If the sessional fee has not been paid by 31 December, students will be charged at the terminal rate.

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	Terminal Fee
All first degrees Diplomas in Personnel Management Social Administration Mental Health Applied Social Studies	£70	£24
Trade Union Studies	£60	£21
Academic Diploma in Social Anthropology Diploma in Business Studies General Course	£100	£34
Diploma in Operational Research ¹	£130	£44
Diploma in Development Administration	£460	
Foreign Service Course	£380	

Fees for Undergraduate Evening Courses

	Sessional Fee	Terminal Fee
B.Sc. (Econ.)	£25	£9
LL.B.	£25	£11

¹ For students registering for the first time in October 1966.

Fees for Full-time Graduate Courses

	Sessional Fee	Terminal Fee
Ph.D. M.Phil. Research Fee ¹	£100	£34
LL.M. ¹	£130	£44
M.Sc. (One-year and first-year for students proceeding to the degree after course extending over two years) ²	£130	£44
M.Sc. (Second year)	£100	£34
Continuation fee	£20	£7

Fees for Part-time Graduate Courses

	Sessional Fee	Terminal Fee
Ph.D. M.Phil. M.Sc. LL.M. Research Fee	£50	£17
Continuation fee	£10	£4

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.

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 This fee includes university registration and examination fees.

(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 149)

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 (except those taking the M.Sc. as full-time students) will be required to pay fees for entry to examinations. These are set out below:—

<i>Higher Degrees :</i>	£	s.	d.
M.Sc., M. Phil. or LL.M.	25	0	0
Ph.D.	30	0	0

SCHOLARSHIPS, STUDENTSHIPS, EXHIBITIONS AND BURSARIES

The pages immediately following give particulars of the scholarships, studentships, 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 166*).

(2) The Scholarship in International Law (*see page 166*).

OVERSEAS APPLICANTS

All the awards offered are open to overseas students, and there are some for which only overseas students can compete. One graduate entrance studentship is 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 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 146*). 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

(The regulations for this scholarship are under review.)

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), Economics and Econometrics, Statistics or Computing. The value of each scholarship will be £550 a year; each scholar will be responsible for paying his own fees. It is expected that one scholarship will be offered in 1967. 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 and Finance
 - Economics (Analytical and Descriptive)
 - Economics and Econometrics
 - Statistics
 - Computing
- (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 1968.

The regulations for this exhibition are:—

- (1) Candidates must have attained the age of 20 years or, if a graduate, 21 years by 1 October in the year of award.
- (2) In making the award the School shall have regard to the candidates' academic records. Candidates may also be asked to attend an 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 21 November in the year of award, accompanied by the names of three referees and the evidence required under regulation (3). Interviews will take place before the end of the Michaelmas term and the award will be made retrospective from the beginning of that term.

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 Charles 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 or, if a graduate, 21 years by 1 October in the year of award.
- (2) In making the awards the School shall have regard to the candidates' academic records. Candidates may also be asked to attend an 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 regulation (3) must reach him not later than 21 November in the year of award. Interviews will take place before the end of the Michaelmas term and the awards will be made retrospective from the beginning of that term.

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.

Forms of application must be submitted by 15 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 area of the Authority. 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, if possible, for exhibitions tenable from the following October.

Teachers in the permanent full-time employment of the Authority 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 and Finance or some other related subject approved by the Council of the Association, 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 and bursaries 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.
- (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.

CHARTERED INSTITUTE OF SECRETARIES SCHOLARSHIP

The Chartered Institute of Secretaries has established an undergraduate scholarship open to students of the School registered for the LL.B., B.Sc. (Econ.) or B.A. degree in Philosophy and Economics. The value of the award may be either £50 for each of two years, or £100 for the final year of the degree course.

The regulations for this scholarship are:—

- (1) Day and evening students of the School who have passed Part I of the B.Sc. (Econ.) examination or the Intermediate Examination in Laws or have completed the first year of the B.A. course in Philosophy and Economics shall be eligible.
- (2) The scholarship shall be awarded on the quality of the candidates' work at the School. Candidates may also be required to attend an interview.
- (3) The scholarship may be tenable for one or two years. In the case of a two-year tenure, extension beyond the first year shall be dependent upon satisfactory progress.
- (4) The scholarship shall be awarded in October of each year, provided that a candidate of sufficient merit presents himself.

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

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.

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 £50.

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 £45.

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 (Mediaeval) 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.

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 academic 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 and Finance, 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.

Scholarships and Studentships for Graduate Work awarded by the School

Note for Overseas 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 Studentship 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 will be offered for full-time advanced study in Economics, widely interpreted. These studentships are intended to enable recent graduates to spend at least a year in the Graduate School in organized courses or supervised research.

¹“Economics” may be interpreted to include Statistics in relation to Economics, Econometrics, Operational Research, parts of Accounting and certain aspects of Economic Geography, Economic History and Industrial Relations.

The regulations for these studentships are:—

- (1) They shall be open primarily to 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 a limited number of 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 may 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 8 May.

Candidates who, before 8 May, have applied to the Graduate School for admission and stated that they are applicants for the studentships need take no further action.

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 graduates of any university.
- (2) Each studentship shall be of the value of £500 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 advanced 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 name 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 graduates of any university.
- (2) Each studentship shall be of the value of £500 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 advanced 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 STUDENTSHIP FOR OVERSEAS STUDENTS

One Graduate Studentship for overseas (excluding Commonwealth) students may be offered annually for graduate work in the social sciences.

The regulations for this studentship are:—

- (1) It 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) The studentship shall be of the value of £500 a year together with tuition fees.
- (4) 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.
- (5) The holder of the studentship shall undertake no employment outside his graduate work without the special permission of the Director.
- (6) The studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.
- (7) An award shall be made only if there is a candidate 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. Candidates are responsible for seeing that these letters are sent in support of their application.

LEVERHULME RESEARCH STUDENTSHIP FOR OVERSEAS STUDENTS

A Graduate Studentship will be offered annually to enable an overseas (excluding Commonwealth) 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 £500 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 scholarships 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, founded under the will of Mr. H. L. Jackson a former student, 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 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 studentship may be offered in 1968.

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.

ACWORTH SCHOLARSHIP

(This scholarship may be held in addition to other awards)

An Acworth Scholarship of the approximate value of £90 a year will be offered for award by the School for graduate work relating to inland transport subjects.

The regulations for this scholarship are:—

- (1) The scholarship shall be open to graduates of any university.
- (2) The successful candidate shall be required to register as a graduate student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
- (3) The scholarship shall be tenable for one year in the first instance, but may be renewed.
- (4) An award shall be made only if there is a candidate 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, together with the names of two referees. 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.

ROSEBERY STUDENTSHIP

(This studentship may be held in addition to other awards)

A Rosebery Studentship of the value of £100 a year will be offered for award by the School for graduate work in the social sciences. Preference will be given to candidates including some aspect of transport in their studies.

The regulations for this studentship are:—

- (1) The studentship shall be open to graduates of any university.
- (2) The successful candidate shall be required to register as a graduate student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
- (3) The studentship shall be tenable for one year in the first instance, but may be renewed.
- (4) An award shall be made only if there is a candidate 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, together with the names of two referees. 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.

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 Studies and students attending the course for the Diploma in Business Studies 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 166.)

SCHOLARSHIP IN INTERNATIONAL LAW

(See page 166.)

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 academic 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 pursue advanced study or research without financial assistance.
- (6) Bursaries are not normally awarded in the first year of advanced work.

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

Scholarships and Studentships 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 the Humanities.¹ 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.

¹ Students wishing to do graduate work at the School in Accounting, Geography, History, Law or Philosophy should apply for a State, or Major State Studentship.

SOCIAL SCIENCE RESEARCH COUNCIL
ADVANCED COURSE AND RESEARCH STUDENTSHIPS

The Social Science Research Council offers Research Studentships and Advanced Course Studentships for Research or Advanced Study in the Social Sciences. For the purposes of these awards the Social Sciences are defined as the following subjects:—

Demography
Economics
Econometrics
International Relations
Industrial Relations
Political Science
Social Psychology
Social Anthropology
Social Administration
Sociology
Social Statistics

The School will be given a quota of awards at the end of April or the beginning of May and will then be able to put forward applicants for consideration. The awards will not, however, be confirmed by the S.S.R.C. until the results of the degree examinations are known. Students who wish to be considered for S.S.R.C. awards should apply to the Secretary of the Graduate School for admission and state that they wish to be considered for an award. *Students cannot apply direct to the S.S.R.C.*

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:—

Operational Research
Philosophy¹
Statistics

Diploma in Business Studies.
Diploma in Operational Research.

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.

¹ Only for students with first degrees in science or technology.

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 £650, 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.
- (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 may 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 smaller 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 £525 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 £500 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.

¹ For the time being the University will make an additional grant of up to £250 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.

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.
- (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 £650, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £650 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.

MADGE WALEY JOSEPH SCHOLARSHIP

(The regulations for this scholarship are under review).

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 1968.

The regulations for this scholarship are:—

- (1) The scholarship is open only 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 shall 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 163.)

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.

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 £7 7s. od. 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 best performance in Part I of the B.Sc. (Econ.) examination as a whole; 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. in Geography*; (iii) *B.A. with Honours in History*; (iv) *B.A. with Honours in Philosophy and Economics and B.Sc. degree in Social 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 £17, 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.

RAYNES UNDERGRADUATE PRIZE

A prize in books, provided through the generosity of the late Mr. Herbert Ernest Raynes, will be awarded annually in July to the student of the School who obtains the best marks in Part II 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 £20.

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 £10. It will be awarded for proficiency and merit in the special subjects of Statistics or Computing¹ 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 6s. od. 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

(The regulations for these prizes are under review.)

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 Computing 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 about £24, 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 be awarded only 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 and Finance, 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.

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 to have achieved the best performance of his year in Trade Union Studies.

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 be awarded only 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 about £17 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 convenor 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 the 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 8,000-10,000 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 PRIZE

A prize in books of the value of £10 is offered for award 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 essay should not exceed 3,000 words. Subjects approved by the Director will be announced each year.

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 normally be about £23. 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 1969. 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.

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.).
- (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 course only.*)

Bachelor of Arts with Honours in the following subjects:—

Geography, History, Language Studies,¹ Philosophy and Economics, Sociology. (*Day courses only.*)

Bachelor of Science in Anthropology and Geography. (*Day courses 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.²

Except by special permission of the Director, students of the School

¹ Teaching for this course will not begin until October 1967.

² 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.

who fail at any degree examination, or whose progress has been unsatisfactory, or who have completed the normal course for an examination 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.

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

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

(1) Mathematics, <i>either</i> (a) Basic Mathematics or (b) Intermediate Mathematics	900-1 904-5
(2) Elementary Statistical Theory	919-20
(3) Introduction to Logic ¹	472, 472(A)
(4) Introduction to Scientific Method	470, 470(A)
(5) English Legal Institutions	415, 415(A)
(6) Elements of Social Structure I	835, 835(A)
(7) Structure of International Society	500-1
(8) Methods of Social Investigation	915-16, 939-40
(9) Principles and Methods of Social Anthropology ..	640, 651(A)
(10) Psychology	700-1, 703, 706
(11) An Approved Modern Foreign Language	360-1
(12) Geography	185, 185(A)
(13) Economic History of England from the Norman Conquest to 1603	272, 274
This paper will be divided into three sections: 1066-1216, 1216-1485, 1485-1603. Candidates must choose their questions from any two contiguous sections.	
(14) International Law ²	409, 409(A)

¹ This subject is recommended only for students who are interested in Mathematics and who are taking (1) (a) Basic Mathematics or (1) (b) Intermediate Mathematics at the same time.

² Candidates who have taken 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 one of the other alternative subjects.
III. Monetary Economics.	Any two of the alternative subjects.
IV. Industry and Trade.	(1) Mathematics (a) or (b) and any one of the other alternative subjects. ¹
V. Accounting and Finance.	(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. Computing.	(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 in 1967 under 2, 3 or 8, to take the paper 8 (c) International Economic History, 1850-1945 as prescribed in VI Economic History, Modern.

¹ Candidates taking IV, 6, 7 and 8e or f at Part II in and after 1968 will be required to have taken English Legal Institutions at Part I.

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:		
either (i) Economic History		261
or (ii) Political History		290, 305
(b) Introduction to Modern Mathematics ¹		900, 902-3
(c) Mathematics A ²		906
(d) Mathematics B		907-13
3. One of the following:—		
(a) Scientific Method		471, 471(A), 487
(b) Accounting—Management and Economic Aspects		133-4, 136, 142, 948
(c) An Approved Modern Foreign Language		362-370
(d) Public Finance		25, 25(A), 26
(e) Elements of Statistical Theory and Methods ³		919-922
(f) Commercial Law		416, 416(A), 417-20
(g) Economic Geography		187-8
(h) Elements of Social Structure II ⁴		835-6
4. Economic Principles		14, 14(A), 15
5. Problems of Applied Economics		14, 14(A)
6. Economic Statistics		933, 934(A), 935
		943-7
7. Development of Economic Analysis		17, 17(A)
8. One of the following:—		
(a) Principles of Monetary Economics		30-33(A)
(b) International Economics		35
(c) History of Economic Thought		16, 16(A)
(d) Economics treated Mathematically		18, 18(A), 962-4
(e) Public Finance (if not taken in 3 above)		25, 25(A), 26
II. <i>Economics and Econometrics</i>		
1. Either		561-3
(a) Political Thought		
or		
(b) History:		
either (i) Economic History		261
or (ii) Political History		290, 305
2. Either		
(a) Mathematics A ²		906
or		
(b) Mathematics B		907-13

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

² This paper may not be taken by candidates who have taken (1) (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	..	919-22
(b) Statistical Theory	923-4, 928
(c) Management Mathematics	923, 959-63
(d) Accounting—Management and Economic Aspects	133-4, 136, 142, 948
(e) Development of Economic Analysis	17, 17(A)
4. Economic Principles	14, 14(A)
5. Problems of Applied Economics	14, 14(A)
6. Economic Statistics	933, 934(A), 935
7. Economics treated Mathematically	943-7
8. Econometrics	18, 18(A), 962-4
III. <i>Monetary Economics</i>	8	19, 19(A), 921, 947, 964
1. Political Thought	561-3
2. History:		
either (i) Economic History	261
or (ii) Political History	290, 305
3. One of the following:—		
(a) Scientific Method	471, 471(A)
(b) Accounting—Management and Economic Aspects	133-4, 136, 142, 948
(c) Economic Geography	187-188
(d) An Approved Modern Foreign Language	362-370
(e) Constitutional and Administrative Law	422, 422(A)
(f) Commercial Law	416, 416(A), 417-20
(g) Elements of Social Structure II ²	835-6
(h) Mathematics A ³	906
(i) Introduction to Modern Mathematics ⁴	900, 902-3
(j) Public Finance	25, 25(A), 26
4. Economic Principles	14, 14(A), 15
5. Problems of Applied Economics	14, 14(A)
6. Principles of Monetary Economics	30-1, 31(A), 32-3, 33(A)
7. Monetary Institutions	27-9, 34
8. One of the following:—		
(a) History of Economic Thought	16, 16(A)
(b) International Economics	35
(c) Economic Statistics	933, 934(A), 935
(d) Public Finance (if not taken in 3 above)	943-7
IV. <i>Industry and Trade</i>	8	25, 25(A), 26
For examinations in 1967:—		
1. Economic Principles	—
2. Political Thought	562-3
3. Economic Statistics and Business Accounts	142, 934(B)
4. Business Administration	22(A)
5. Industry and Trade	20, 20(A)

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

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 (b) Intermediate Mathematics at Part I.

⁴ 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.
6. Labour, including Law of Labour and of Social Insurance	..	421, 421(A)
7. Commercial Law .. .. .	..	416(A), 418, 419
8. One of the following:—		
(a) Accounting—Management and Economic Aspects ..	..	136, 142
(b) Applied Statistics .. .. .	..	—
(c) Business Finance .. .. .	..	24, 134
(d) Economics treated Mathematically .. .. .	..	18, 18(A), 962-4
(e) History of Economic Thought .. .. .	..	16, 16(A)
For examinations in and after 1968:—	8	
1. Economic Principles .. .. .	..	14, 14(A), 15
2. Political Thought .. .. .	..	561
3. <i>Either</i>		
(a) Elements of Statistical Theory and Methods ¹ ..	..	919-21
or		
(b) Economic Statistics .. .. .	..	933, 934(A), 944, 946
4. Business Administration .. .. .	..	22(A)
5. Industry and Trade .. .. .	..	20, 20(A)
6, 7 and 8. Any three of the following:—		
(a) Development of Economic Analysis .. .. .	..	—
(b) Problems of Applied Economics .. .. .	..	14, 14(A)
(c) History of Economic Thought .. .. .	..	—
(d) Economics treated Mathematically .. .. .	..	18, 18(A)
(e) Labour, including Law of Labour and of Social Insurance ² .. .. .	..	23, 23(A), 416, 416(A)
(f) Commercial Law ² .. .. .	..	416, 416(A), 417
(g) Business Finance .. .. .	..	133, 134, 948
(h) Accounting—Management and Economic Aspects ..	..	133, 134, 948
(i) Elements of Management Mathematics .. .. .	..	915-6
(f) Mathematics A ³ or Mathematics B .. .. .	..	906(A) or 907-11
V. <i>Accounting and Finance</i>	8	
1. Political Thought .. .. .	..	561-3
2. One of the following:—		
(a) History:		
either (i) Economic History .. .. .	..	261
or (ii) Political History .. .. .	..	290, 305
(b) Business Administration .. .. .	..	22(A)
(c) Mathematics A ³ .. .. .	..	906
(d) Mathematics B .. .. .	..	907-13
(e) Elements of Statistical Theory and Methods ¹ ..	..	919-22
(f) Economics treated Mathematically .. .. .	..	18, 18(A), 962-4
(g) Elements of Management Mathematics .. .. .	..	915-16, 959
3. Economic Statistics and Business Accounts .. .. .	..	133, 135, 915-16, 933
4. Economic Principles .. .. .	..	14, 14(A), 15, 140
5. <i>Either</i>		
(a) Problems of Applied Economics .. .. .	..	14, 14(A)
or		
(b) Industry and Trade .. .. .	..	20, 20(A)

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

² Candidates taking this paper will be required to have taken English Legal Institutions at Part I.

³ This paper may not be taken by candidates who have taken 1 (b) Intermediate Mathematics at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
6. Commercial Law	416,	416(A), 417-8, 420
7 and 8. Accounting and Finance	133-39,	141, 948
VI. <i>Economic History, Modern</i>	8	
1. Economics	13,	13(A)
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
or		
(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	566	
(b) For examinations in 1967:— International History, 1815-1945	293	
For examinations in 1968:— International History since 1815	292-3,	308
(c) International Economic History, 1850-1945	303	
(d) An Approved Modern Foreign Language	362-370	
(e) Scientific Method	471, 471(A)	
(f) Social Philosophy	850-1, 854	
(g) Elements of Social Structure II ¹	835-6	
(h) Economic Statistics	933, 934(A), 935,	
	943-7	
(i) Historical Geography	190, 210, 210(A)	
(j) Political History	290, 305	
(k) Social Aspects of Political and Economic Development	652, 654(A)	
VII. <i>Economic History, Mediaeval</i>	8	
1. Economics	13,	13(A)
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</i> of the following:—		
(a) English Constitutional History to 1485	—	
(b) English Constitutional History since 1660	566	
(c) English Economic History, 1485-1760	263-4	
(d) English Economic History from 1760	264	
(e) For examinations in 1967:— International History, 1815-1945	293	
For examinations in 1968:— International History since 1815	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	

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

Subject.	No. of Papers.	Reference Nos. of Courses.
(j) Scientific Method	471,	471(A)
(k) Historical Geography	190, 210,	210(A)
(l) Social Philosophy	850-1,	854
VIII. <i>Government</i>	8	
1. Economics	13,	13(A)
2. History:		
either (i) Economic History	261	
or (ii) Political History	290, 305	
3. One of the following:—		
(a) English Constitutional History since 1660	566	
(b) Constitutional and Administrative Law	422, 422(A)	
(c) International Institutions	506, 508, 510	
(d) History of Economic Thought	16, 16(A)	
(e) Scientific Method	471, 471(A)	
(f) An Approved Modern Foreign Language	362-370	
(g) Local Government of England and Wales	575, 575(A)	
4. Political Thought	561-4	
5. Political Thought (Set Texts)	590	
6. The Politics and Government of the United Kingdom	567-74, 599	
7. Comparative Political Institutions	578-82	
8. One of the following:—		
(a) Political Philosophy	478, 478(A), 591,	591(A), 591(B)
(b) Contemporary Political Thought	564, 592, 592(A), 529(B), 593	
(c) The Politics and Government of a Foreign or Commonwealth Country	3, 423, 579, 583-5, 585(A), 586, 586(A), 587, 587(A), 587(B)	
IX. <i>Sociology</i>	8	
1. Economics	13,	13(A)
2. Political Thought	561-3	
3. History:		
either (i) Economic History	261	
or (ii) Political History	290, 305	
4. Theory and Methods of Sociology	832-3, 841, 852	
5. Social Philosophy	850-1, 854	
6. Social Structure of Modern Britain	266, 842-4	
7. Essay on a Sociological Subject	—	
8. One of the following:—		
(a) Demography I	682-4	
(b) Psychology	700-1, 703-4, 708-9	
(c) Criminology	397, 845-9	
(d) Comparative Morals and Religion	834, 834(A)	
(e) Political Sociology	839	
X. <i>Statistics</i>	8	
1. <i>Either</i>		
(a) Economic Principles	14, 14(A)	
or		
(b) Economics treated Mathematically	18, 18(A), 962-4	
2. Political Thought	561-3	
3. Mathematics B	907-13	
4. Probability, Distribution and Sampling Theory	923-4, 928, 931	
5. Theory of Statistical Methods	925-6, 929, 931	
6 and 7. <i>Two</i> of the following:—		
(a) Actuarial Statistics	948-50	

Subject.	No. of Papers.	Reference Nos. of Courses.
(b) Demography II	680, 681, 684-6
(c) Econometrics	19, 19(A), 921, 947, 964
(d) For examinations in 1967:—		
either (i) Computer Programming and Numerical Analysis	954, 956-7
or (ii) Management Mathematics	960-1
For examinations in 1968:—		
either (i) Numerical Methods and Programming	951-3, 955
or (ii) Management Mathematics	923, 959, 962-3
(e) Social Statistics and Survey Methodology	926, 938, 941-3, 975
(f) Mathematical Logic	476, 480, 492, 913-4, 957
(g) Economic Statistics	933, 934(A), 935, 943-7
8. For examinations in 1967:—		
General Statistics	937(B), 964
For examinations in 1968:—		
General Statistics and Computing	933, 936, 937(A), 939, 959, 962-3
XI. Computing (formerly Computational Methods)	8	
For examinations in 1967:—		
1. Either		
(a) Economic Principles	—
or		
(b) Economics treated Mechanically	18, 18(A), 964
2. Political Thought	562-3
3. Mathematics B	912-3
4. Management Mathematics	960-1, 968-71
5. Computer Programming and Numerical Analysis	954, 956-7
6 and 7. Two of the following:—		
(a) Accounting—Management and Economic Aspects	136, 142
(b) Data Processing including Elements of Accounting	142, 958, 984
(c) Probability, Distribution and Sampling Theory	928, 931, 929(A)
(d) Social Statistics and Survey Methodology	938, 941-2
(e) Elements of Statistical Theory and Methods ¹	922
(f) Mathematical Logic	476, 480, 492, 957
8. General Statistics	937(B), 964
For examinations in and after 1968:—		
8		
(In addition to written papers, the examination will include inspection by the examiners of note-book records of practical work done during the course of study. Logarithm and Statistical tables will be provided by the University and slide rules may be brought to the examination in papers 3-8.)		
1. Economic Principles	14, 14(A)
2. Either (a) Political Thought	561
or (b) Mathematical Logic	492, 913-4
3. Either (a) Introduction to Modern Mathematics ²	900, 902
or (b) Mathematics A ³	906(A)
or (c) Mathematics B	907-911

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 either (1)(a) Basic Mathematics or (1)(b) Intermediate Mathematics at Part I.

³ This paper may not be taken by candidates who have taken (1)(b) Intermediate Mathematics at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
4. Elements of Computer Science	913-4, 951-2, 955
5, 6 and 7. Three of the following:—		
(a) Management Data Processing	133, 951, 955
(b) Management Mathematics	923, 959, 962-3
(c) Numerical Methods and Programming	951-3, 955
(d) Probability Distribution and Sampling Theory	923-4
(e) Social Statistics and Survey Methodology	926, 938, 943, 975
(f) Elements of Statistical Theory and Methods ¹	919-21
(g) Either (i) Problems of Applied Economics	14, 14(A)
or (ii) Industry and Trade	20, 20(A)
8. General Statistics and Computing	933, 936, 937(A), 939, 959, 962-3
XII. International Relations	8	
For examinations in 1967:—		
1. Economics	13, 13(A)
2. Political Thought	562-3
3. Either		
(a) History:		
either (i) Economic History	—
or (ii) Political History	305
or		
(b) International Law ²	409, 409(A)
4. International History, 1815-1945	293
5. International Relations	—
6. International Institutions	508, 510
7 and 8. Two of the following:—		
(a) The Politics of International Economic Relations	511, 511(A)
(b) International Law (if not taken under 3)	409, 409(A)
(c) International History (Special Period)	301
(d) The Problems of International Peace and Security	513, 518
(e) Philosophical and Psychological Aspects of International Affairs	522-3, 523(A), 524, 524(A)
(f) The Geographical and Strategic Aspects of International Affairs	513, 519
(g) The Interplay between Politics at the Domestic and International Levels	525
(h) Sociology of International Law	526, 526(A)
(i) Either		
(i) Political Philosophy	591(B)
or		
(ii) Contemporary Political Thought	564, 592(B), 593
or		
(iii) An Approved Modern Foreign Language	362-370
For examinations in and after 1968:—		
8		
1. Economics	13, 13(A)
2. Political Thought	561
3. Either		
(a) History:		
either (i) Economic History	261
or (ii) Political History	290, 305

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 International Law at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
<i>or</i>		
(b) International Law ¹		409, 409(A)
4. International History since 1815		292-3, 308
5. International Politics		502, 502(A)
6. Foreign Policy Analysis		503-4, 504(A)
7. International Institutions		506-7, 510
8. One of the following:—		
(a) Theories of International Politics		—
(b) The Politics of International Economic Relations		—
(c) Strategic Studies		—
(d) Sociology of International Law		—
(e) International Law (if not taken at Part I or under 3) ¹		409, 409(A)
(f) International History (Special Period)		—
(g) An Approved Modern Foreign Language		362-70
XIII. <i>Social Anthropology</i>	8	
1. Economics		13, 13(A)
2. <i>Either</i>		
(a) Political Thought		561-3
<i>or</i>		
(b) Social Aspects of Political and Economic Development		654(A)
3. History:		
<i>either</i> (i) Economic History		261
<i>or</i> (ii) Political History		290, 305
4. General Principles of Cultural and Social Anthropology		643, 644, 654(A)
5. Economic and Political Systems		645-7
6. Moral and Ritual Systems		648
7. Ethnography of a Special Area		651(B)
8. Development of Social Anthropology		649-50
XIV. <i>International History</i>	8	
1. Economics		13, 13(A)
2. Political Thought		561-3
3. One of the following:—		
(a) Economic History		261
(b) International Politics		502, 502(B)
(c) International Law ²		409, 409(A)
(d) An Approved Modern Foreign Language		362-70
(e) Historical Geography		190, 210, 210(A)
(f) Economic Geography		187-8
4. International History, 1494-1815		291, 306
5. Diplomatic Relations of the Great Powers, 1815-1914		292
6. International History since 1914		293-4, 296-7, 307
7. One of the following:—		
(a) The Old Foreign Office, 1815-1878		298
(b) The Great Powers and Egypt, 1882-1888		299
(c) Great Britain and the Paris Peace Conference of 1919		300
(d) The Manchurian Crisis, 1931-1933		301
(e) Anglo-German Naval Diplomacy, 1933-1939		302
8. One of the following:—		
(a) International Institutions		506, 508, 510

¹ International Law must be taken under *either* 3 (b) or 8 (e) by candidates who have not taken it at Part I and may be taken only by such candidates.

² This paper may not be taken by candidates who have taken International Law at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(b) International Economic History, 1850-1945 ¹		303
(c) British-American-Russian Relations, 1815-1914		298
(d) Africa in International Politics, 1870-1914		295
XV. <i>Geography</i>	8	
1. Economics		13, 13(A)
2. Political Thought ²		561-3
3. History:		
<i>either</i> (i) Economic History		261
<i>or</i> (ii) Political History		290, 305
4. Physical Geography		186, 192, 192(B)
5. Economic Geography		187, 188
6. The British Isles		194
7. Europe		195-6
8. One of the following:—		
(a) Political Geography		190, 220
(b) Historical Geography		190, 210, 210(A)
(c) Social Geography		190, 215
(d) The Geography of an approved Region:—		
<i>Either</i>		
(i) North America		190, 197
<i>or</i>		
(ii) Monsoon Asia		190, 198
<i>or</i>		
(iii) Africa		190, 199
<i>or</i>		
(iv) Latin America		190, 200
<i>or</i>		
(v) U.S.S.R.		190, 201
(e) Economics of Transport		36, 36(A), 37, 37(A), 190, 219
XVI. <i>Philosophy</i>		
1. Economics		13, 13(A)
2. <i>Either</i>		
(a) Political Thought		561-3
<i>or</i>		
(b) Introduction to Modern Mathematics ³		900, 902-3
3. One of the following:—		
(a) History:		
<i>either</i> (i) Economic History		261
<i>or</i> (ii) Political History		290, 305
(b) Philosophy and History of Science		481, 493
(c) Elements of Statistical Theory and Methods ⁴		919-22
4. <i>Either</i>		
(a) Moral and Political Philosophy		478, 478(A), 590-1, 851
<i>or</i>		
(b) Mathematical Logic ⁵		476, 480, 492, 913-4, 957

¹ This paper may be taken only by candidates who do not offer Economic History under 3.

² In approved cases candidates may offer as an alternative to Political Thought an Approved Modern Foreign Language or Economic Statistics.

³ This may not be taken by candidates who have taken (1) (a) Basic Mathematics or (1) (b) Intermediate Mathematics in Part I.

⁴ This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.

⁵ This may be taken only by candidates taking Introduction to Modern Mathematics or who have taken (1) (a) Basic Mathematics or (1) (b) Intermediate Mathematics in Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
5. Logic and Methodology	470, 471, 471(A), 472
6. History of Modern Philosophy	473
7. Epistemology and Metaphysics	471, 471(A), 477
8. One of the following:—		
(a) Philosophy of Social Knowledge	475, 487, 832-3, 852
(b) Philosophy and History of Science (if not taken in 3 above)	491, 493
(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 three-year course leading to the LL.B. degree of the University of London. The University regulations are not, however, the same for all the London colleges, and the pattern of the course is unique to students of the School. Subjects which are not exclusively legal have been introduced into the new syllabus, and an attempt has been made to break down the arbitrary boundaries between legal subjects. In addition, instruction in each subject is not always limited in length to one academic year, thus making it possible to emphasise the interrelationship between different branches of the law.

The subjects which most L.S.E. students take are taught, both in lectures and classes, at this School, but, exceptionally, arrangements will be made for students to attend other colleges of the University for instruction in subjects not taught here.

The qualifications for entry to the degree course are the same as those for the B.Sc. (Econ.) degree (see p. 196).

The three years of the new degree are divided into Intermediate, Part I Final and Part II Final. Intermediate and Part I examinations are held in June and September of each year, but entry to the September

examination is restricted to those students who failed to satisfy the examiners in one paper in the previous June, or to whom special permission is granted in exceptional circumstances. Part II examinations are held in June only. The degree and its class are awarded on the basis of marks gained in both Part I and Part II.

The old regulations remain in effect for those students already enrolled at the School who still have to complete Part I and Part II of their degrees. For these students examinations are held in June and September for Part I, and in June only for Part II.

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see pp. 222-3).

Students registering in and after October 1966 will be required to register under the new regulations.

New Regulations

INTERMEDIATE EXAMINATION

The subjects for this examination are:—

Subject.	Reference Nos. of Courses.
(a) Public Law I	391, 391(A)
(b) Law of Contract I	392, 392(A)
(c) Law of Tort I	393, 393(A)
(d) Law of Property I	394, 394(A)
(e) English Legal System	390, 390(A)
(f) English Economic Institutions	10

A student is eligible to sit for the Intermediate examination after satisfactory attendance at courses for one year. The examination comprises five papers, in (a), (b), (c), (d) and (e). Questions within the scope of course (f) may be set in any of these papers.

PART I EXAMINATION

The subjects for this examination are:—

Subject.	Reference Nos. of Courses.
(a) Criminal Law	396, 396(A)
(b) Law of Contract II	399, 399(A)
(c) Law of Tort II	399, 399(A)
(d) Law of Property II	402, 402(A)
(e) Public Law II	403, 403(A)
(f) Law and Social Policy	404

A student is eligible to sit for Part I examination after satisfactory attendance at courses for two years, and after passing the Intermediate Examination (including any referred paper).

The examination comprises five papers, one each in (a), (b), (c), (d) and (e). Questions within the scope of course (f) may be asked in any of these papers. Furthermore, the examiners may set an essay paper.

PART II EXAMINATION

The subjects for this examination are:—

- (a) Jurisprudence and Legal Theory and three of the following:—
- (b) Law of Evidence
- (c) History of English Law
- (d) Public International Law
- (e) Conflict of Laws
- (f) Mercantile Law
- (g) Industrial Law
- (h) Law of Domestic Relations
- (i) Law of Administration of Estates and Trusts
- (j) Law of Business Associations
- (k) Hindu Law
- (l) Muhammadan Law
- (m) African Law

Courses in certain subjects (such as (k) and (l)) will not necessarily be available every year.

A student is eligible to sit for Part II after passing Part I (including, under the new regulations, any referred subject) and after satisfactory attendance at relevant courses over at least one academic year.

Old Regulations

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 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, in September or in June.

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

PART I	Subject.	No. of Papers.	Reference Nos. of Courses.
1.	Criminal Law or Indian Criminal Law	I	395, 395(A), 397
2.	Law of Tort	I	398, 398(A)
3.	Law of Trusts	I	400, 400(A)

Subject.	No. of Papers.	Reference Nos. of Courses.
4. One of the following:—		
(a) English Land Law	I	401, 401(A)
(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 (i) 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	405, 405(A)
Three of the following:—		
6. English Land Law (if not taken at Part I)	3	401, 401(A)
7. Principles of the Law of Evidence (if not taken at Part I)		406, 406(A)
8. English Administrative Law (if not taken at Part I)		407, 407(A)
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		408, 408(A)
13. Public International Law		409, 409(A)
14. Conflict of Laws		410, 410(A)
15. Conveyancing		—
16. Succession, Testate and Intestate	411, 411(A)	
17. Mercantile Law	412, 412(A)	
18. Industrial Law	413, 413(A)	
19. Law of Domestic Relations	414, 414(A)	
20. African Law (if not taken at Part I)	427	

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

4. Degrees of Bachelor of Arts and Bachelor of Science

The School registers students for the B.A. degree with honours in Geography, History, Philosophy and Economics, and Sociology, and for the B.Sc. degree with honours in Anthropology, Geography and Sociology. In Sociology the courses and examinations for Branches I and II of the B.Sc. degree are identical with those for the B.A. degree: 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.

Honours degrees in the Faculties of Science and Economics, based on new regulations and a new scheme of study, are to be introduced in 1966. The main subjects available will be Anthropology and Geography. Details are given below.

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. degree courses, must satisfy the appropriate "course requirements". Details of these requirements may be found in the Regulations Relating to University Entrance Requirements (see pp. 146-7). 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	643-4, 649-50, 832
2. Economic and Political Systems	645-7
3. Moral and Ritual Systems	648, 834, 834(A)
4. Ethnography of a Special Area	651(B)
5. The Evolution of Man	
6. Racial Variation among Living Peoples	
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)	652
Development of Social Anthropology (with special reference to Selected Texts)	649-50
Human Genetics	
The Theory and Technique of Archæology	

Note:—Other courses will be given by intercollegiate arrangement. Students are also advised to attend courses Nos. 642, 655-8, 832 and 834.

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.Sc. IN SOCIAL ANTHROPOLOGY

The Department of Anthropology proposes to begin teaching in October 1966 for a B.Sc. degree in Social Anthropology in the Faculty of Economics. This degree course will be offered only at the London School of Economics.

Teaching will be arranged in courses of study each of which will last a year. Students will take three courses in each year. In the second

* Only for students registered in or before 1965.

and third years a number of alternatives may be chosen. Each course will usually be examined at the end of the year in which it is taken. The class of degree awarded will depend on the level of performance attained over the three years, and will not rest, as in the past, almost entirely on a Final examination.

The following courses will be taken:—

	Course Units.	Reference Nos. of Courses.
Part I		
1. Social Anthropology:		
A general introduction to the whole field of social anthropology, along the lines of the present B.Sc. (Econ.) Part I course in Social Anthropology, but with greater attention paid to theory and methods	I	640
2. Race and Culture:		
Outlines of human evolution and culture history as they bear on the study of society	I	642, 642(A)
3. Elementary Ethnography:		
Study of ethnographic texts on selected primitive societies	I	641, 641(A)
Part II		
1. Studies of Kinship:		
Family, kinship and marriage in primitive and other non-industrial societies, with some attention to industrial societies	I	—
2. Political and Economic Institutions:		
The political, economic and legal organisation of primitive and other non-industrial societies; problems and analysis		—
3. One of the following alternatives:—	I	—
(a) Statistical and Survey Methods of Social Investigation.		
(b) Elements of Economics: an elementary course in economic analysis.		
(c) Theories and Methods of Sociology: a course in the sociological approach to society.		
(d) Psychological Approaches to the Study of Society: Psychological Anthropology. Psychological approaches to the study of culture, personality and language.		
Part III		
1. Magic and Religion:		
The study of religious beliefs and ritual systems of primitive and other non-industrial societies	I	—
2. One of the following alternatives:—	I	—
(a) Advanced Ethnography: the advanced study of selected primitive and other non-industrial societies.		
(b) Anthropological Linguistics:		
(i) Elementary Linguistics.		
(ii) Application of linguistic theory to anthropological problems.		
3. Advanced Theory of Social Anthropology:		
The advanced study of social anthropological theory and method; the development of social anthropology	I	—

Students will not be allowed to proceed to Part II or Part III without having taken Part I.

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	—
2. Human Geography	—
3. Map Work	—
4. The British Isles	194, 194(A)
5. Europe	196
6. The advanced regional geography of <i>one</i> of the following:— following:—	
(i) Africa	199
(ii) Australia, New Zealand and Oceania	202
(iii) Latin America	200
(iv) Monsoon Asia	198
(v) North America	197
(vi) U.S.S.R.	201
7 and 8. <i>Two</i> papers to be chosen from the following optional subjects:—	
(i) Mathematical Geography and Surveying	222-3
(ii) Geomorphology	203, 203(A), 204-5
(iii) Meteorology and Climatology	206-7
(iv) Plant Geography	208-9
(v) Economic Geography	187, 188, 188(A), 189
(vi) Historical Geography	210, 210(A), 211
(vii) History of Geographical Science and Discovery	212-3
(viii) Political Geography	220-1
(ix) Geography of Settlement	216-8
(x) Applied Geography	214
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.Sc. GEOGRAPHY (New Regulations)

In October 1966 teaching will begin for the new B.Sc. degree of the University of London and all future registrations for the Bachelor's

* Only for students registered in or before 1965.

Degree in Geography in the Faculty of Science at the London School of Economics will be made under the New Regulations. The new arrangements will involve a substantial departure from the structure of the existing B.Sc. (Special) Geography syllabus and students should be aware that the revised curriculum and teaching programme will vary from one college to another. The version of the new B.Sc. degree summarised below applies only to students registered at the London School of Economics. Courses will continue to be given in the Joint School of Geography and, in many cases, students will be taught in common by teachers from King's College and L.S.E. However, the introduction of separate college syllabuses for the B.Sc. (New Regulations) has meant the introduction of separate teaching provision for part of this degree and has involved some re-arrangement of courses for other degrees. All students of the Joint School of Geography should take care to identify the courses needed to complete their specific degree requirements.

Under the new scheme, teaching will be arranged on the basis of courses of study, each of which will last a year. A full course unit involves about 60-70 hours of teaching time, a half unit about half that time. Students taking the B.Sc. in the Department of Geography at the London School of Economics will be advised to take a total of eleven course units over three years: four course units in their first year and another seven units spread over the two final years. Each course will usually be examined at the end of the year within which it is taken, though some second-year courses may not be examined until the end of the third year of study. The class of degree awarded will depend on the level of performance attained over the three years and will not, as in the past, rest almost entirely on a Final examination.

The new degree structure allows for greater flexibility in the selection and combination of courses to be studied. Optional subjects available within Geography allow great freedom of choice and, for example, allow considerable specialisation in either regional or systematic branches of the subject. Up to three course units may be selected from subjects outside Geography and, if desired, these courses may be spread over three different subjects. A wide range of outside subjects will be available including Anthropology, Demography, Economics, Economic History, Geology, Languages, Mathematics, Sociology, Statistics, etc. Selection of courses will be made in consultation with a member of the staff.

As under the previous regulations, field work will be required of all students and, normally, will consist of three one-week field courses taken in each of the Easter vacations.

The following courses will be taken:—

	Course Units.	Reference Nos. of Courses.
First Year		
Physical Geography	1	186
Human Geography	1	190-1
Cartography and Map Analysis	1	192, 192(A)
One Course Unit outside Geography	1	—
Second and Third Years		
Compulsory Courses:		
British Isles (including Map Interpretation)	1	
A Course Unit outside Geography	1	
Any Regional course from list A below	1	
Any Systematic course from list B below	1	
Three additional course units to be selected from some or all of the following:—		
Courses outside Geography	$\frac{1}{2}$ or 1	
A Geographical Essay of not more than 5,000 words	$\frac{1}{2}$	
Additional Regional courses from list A	$\frac{1}{2}$ -3	
Additional Systematic courses from list B	$\frac{1}{2}$ -3	
List A		
Europe: General Study; W. Europe; W. Central Europe; W. Mediterranean Europe; N. Europe; E. Central Europe	$\frac{1}{2}$ each	
Maximum that may be taken on Europe	1	
North America	$\frac{1}{2}$ or 1	
Africa	$\frac{1}{2}$ or 1	
Latin America	$\frac{1}{2}$ or 1	
Monsoon Asia	$\frac{1}{2}$	
Australia and New Zealand	$\frac{1}{2}$	
U.S.S.R.	$\frac{1}{2}$	
List B		
Economic Geography	$\frac{1}{2}$ -1	
Climatology	$\frac{1}{2}$ or 1	
Plant Geography	$\frac{1}{2}$ or 1	
Historical Geography	$\frac{1}{2}$ or 1	
Regional Geomorphology	$\frac{1}{2}$	
Systematic Geomorphology	$\frac{1}{2}$	
History of Geographical Science and Discovery	$\frac{1}{2}$	
Social Geography	$\frac{1}{2}$	
Urban Geography	$\frac{1}{2}$	
Political Geography	$\frac{1}{2}$ or 1	
Geography and Planning	$\frac{1}{2}$	

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	325-6
2. English History from the beginning of the 15th century to the middle of the 18th century	1	327-8
3. British History from the middle of the 18th century ..	1	329-30
4 and 5. Two of the following papers:—		
(a) European History from 400 to 1200	1	332
(b) European History from 1200 to 1500	1	331-2

Subject.	No. of Papers.	Reference Nos. of Courses.
(c) European History from 1500 to 1800	1	291, 333
(d) European History from 1800	1	334
6. History of Political Ideas	1	335-6, 565
7. An Optional Subject	1	263-4, 292-7, 337-9 and others by inter-collegiate arrangements.
8. } A Special Subject	2	340-2 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; Modern English Constitutional History from c. 1530-1914; and Diplomatic History, 1814-1945, and seminars or classes for the special subjects of Florence during the Renaissance, 1464-1512; The Economy of England in the Fifteenth Century; and The Eastern Question, 1875-1881.

B.A. HONOURS IN LANGUAGE STUDIES¹

Commencing in October 1967, the School will admit students for the B.A. (combined subjects) in Linguistics and Modern Languages. This is a four-year course, of which one year will be spent abroad. The combinations available at the School in 1967 will be (a) French and Linguistics or (b) French and Spanish. Similar combinations, such as German and Linguistics, or French and German may also be available. Other things being equal, preference will be given to students wishing to register for combinations of Linguistics and a language, and having primarily linguistic rather than literary interests.

The examination in French and Linguistics will consist of ten papers, a French oral examination, and a practical test in Phonetics; the papers will be equally divided between the two subjects.

French

All candidates must take papers 1, 2 and 3 and two further papers from the list below. Paper 3 will include compulsory questions on the contemporary language.

- *1. Translation from and into French
- *2. Essay in French

¹ Further details may be obtained from the Registrar.

* The School will provide teaching in these subjects; others may be available by inter-collegiate arrangement.

- *3. History of the French Language
- 4. Literature I (Mediaeval and Renaissance Literature with prescribed texts)
- 5. Literature II (17th-18th Centuries)
- *6. Literature III (19th-20th Centuries)
- *7. A special subject (as for the present B.A. Honours in French)

Linguistics

All candidates must take papers 1, 2 and 3 and two further papers from the list below.

- *1. Principles of Linguistics: Descriptive, Comparative and Historical
- *2. General Linguistic Theory I: Grammar, Semantics
- *3. General Linguistic Theory II: Phonetics, Phonology
- 4. Phonetics
- *5. Historical Linguistics
- 6. Linguistic Typology and Language Classification
- *7. Linguistics and Language Teaching
- 8. Linguistics and the Study of Literature
- *9. Sociolinguistics: Language and the Community
- 10. Psycholinguistics: Language and the Individual

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 ..	473
2. Epistemology and Metaphysics	471, 471(A), 477
3. Logic and Methodology	470, 471, 471(A), 472
4. <i>Either</i> (a) Ethics ¹	—
<i>or</i> (b) Political Philosophy	478, 478(A), 561, 563, 591, 851
5. Economic Principles	9, 9(A), 14, 14(A), 15
6. Problems of Applied Economics	14, 14(A)
7. History of Economic Thought	16, 16(A)
8. Modern Economic History, c. 1850-1939	260
9. <i>Either</i> (a) an Essay. (Topics will be selected from the syllabus of all papers, including 9 (b).)	—
<i>or</i> (b) The Philosophy of the Social Sciences with special references to Economics	475, 487

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

* The School will provide teaching in these subjects; others may be available by inter-collegiate arrangements.

¹ No tuition is given in this subject at the School at present.

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 IX (Sociology) or special subject XIII (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. 196); 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	830, 832, 835, 835(A), 841, 852-3, 855
2. Statistical Methods in Social Investigation	856, 917, 938-9
3. Comparative Social Institutions	640, 838
4. Ethics and Social Philosophy	850-1, 854
5. Social Psychology	700-1, 703-4, 707-9, 739
6. Economics	9, 9(A), 13, 13(A)
7. <i>Either</i> (a) Social Structure of Modern Britain (2 papers)	266, 842-4
and 8.1 } <i>or</i> (b) Graeco-Roman Civilisation (2 papers)	840, 840(A)
8.1 } <i>or</i> (c) European Civilisation in the Middle Ages (2 papers) ²	—
9. } Any two of the following:—	
and 10. } (a) Social Structure and Social Change	837, 868(A)
(b) Social Policy and Social Administration	720, 720(A), 721, 721(A), 722, 736
(c) Comparative Morals and Religion	834, 834(A)
(d) Criminology	397, 845-9
(e) Demography	682-4, 872
(f) Political Sociology	839
(g) Industrial Sociology	—
<i>Branch II</i>	
The examination will consist of ten written papers as follows:—	
1. Theories and Methods of Sociology	830, 832, 835, 835(A), 852-3, 856
2. Comparative Social Institutions	640, 838
3. Ethics and Social Philosophy	850-1, 854
4. Economics	9, 9(A), 13, 13(A)
5. General Principles of Cultural and Social Anthropology	640, 643-4, 649-50
6. Economic and Political Systems	645-7
7. Moral and Ritual Systems	648

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.
8. Ethnography of a Special Area	651(B)
9. Development of Social Anthropology (with special reference to selected texts)	652
10. One of the following:—	
(a) Social Psychology	700-1, 703, 707-8, 739
(b) Demography	682-4
(c) Statistical Methods in Social Investigation	856, 917, 938-9

Note:—In addition students are advised to attend the following courses: Nos. 641-2, 655-8 and 834.

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 Ethnography of a Special Area.

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.

Reference Nos. of Courses.	Reference Nos. of Courses.
B. Final examination.	
1. British Social History in the 19th and 20th Centuries	730, 730(A)
2. British Political, Administrative and Legal Institutions	731, 731(A), 732, 732(A)
3. Economics	26, 734, 734(A), 737, 737(A)
4. British Social Policy and Administration	720, 720(A), 742
*5. Social Investigation	918, 939
*6. Social Theory	733, 733(A), 830, 842, 844

* These papers will include questions on Psychology. Students should refer to Courses Nos. 702, 704 and 740.

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.
(f) Criminology.

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. 219-20, 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 in Professional Training Granted to Holders of First Degrees

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 and Finance. (The syllabus, etc. is on pp. 197-8 and 201-2.) 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 and Finance 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

Exemptions are granted at the Bar examination (Part I) for graduates who have successfully completed the LL.B. degree. Details will be available on application to the Registrar.

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 Examina-

tion. 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.

In most cases law graduates are wholly exempt from Part I of the Law Society's qualifying examination and may sit for Part II of the qualifying examination before entering into articles; dependent upon the result, the period of articles may be reduced to two years. Further details may be obtained from: The Law Society, 113 Chancery Lane, W.C.2.

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 may 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 Business Studies.
- (2) Diploma in Development Administration.
- (3) Diploma in Operational Research.
- (4) Diploma in Social Administration—
 - (a) One-year Course for Graduates.
 - (b) Two-year Course for Non-Graduates.
- (5) Diploma in Personnel Management.
- (6) Diploma in Applied Social Studies.
- (7) Diploma for Social Workers in Mental Health.

Candidates for any of these diplomas may register as associate students of the University, which, in the case of non-matriculated students, necessitates the payment of a registration fee of 10s. 6d.

1. Diploma in Business Studies

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 economic principles 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, statistics, management mathematics, and accounting and finance, including an introduction to computers.

For scheme of study see course No. 171, p. 349.

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 154-5.

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.

REGULATIONS

1. There shall be a Diploma in Business Studies which shall be awarded to persons who, having completed the course of studies 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 he has attained the age of twenty-one years and *either*

- (i) he holds a university degree, *or*
- (ii) he holds a professional or other qualification approved by the Committee on Business and Related Studies.

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 each year on dates determined by the Committee on Business and Related Studies. The examination shall comprise the following papers:

- (i) Accounting and Finance.
- (ii) Economics of Industry and Trade.
- (iii) Industrial Relations.
- (iv) Social Aspects of Management.

In order to qualify for the award of the Diploma each candidate shall also be required to complete satisfactorily such courses in economics, statistics, law, management mathematics and computing as may be prescribed by the Committee.

5. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners each year by the Director, together with one or more external examiners. 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 reappointment for two further years, but for three calendar years thereafter shall not be eligible for appointment.

6. 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 a candidate who has reached the prescribed standard in three papers may, if the examiners think fit, be declared by them to be referred in the remaining paper.

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 these 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 test any candidate by means of oral questions.

9. A mark of distinction shall be awarded to candidates who show exceptional merit.

10. The examiners may recommend for 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 judgement of the examiners, shown himself to be qualified for the award of the Diploma. The recommendations of the examiners shall be considered by the Academic Board.

11. A candidate who, for reasons which in the opinion of the Committee are sufficient, fails to present himself for examination, or who presents himself, but fails to satisfy the examiners and who is not referred in any paper, may be a candidate for the whole of the examination on one, but not, without the permission of the examiners, more than one, further occasion.

2. 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, oppor-

tunity 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. 305-7 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 15 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.

3. Diploma in Operational Research¹

(The regulations for this Diploma are under review.)

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.

¹ New regulations for this Diploma are contained in the handbook *The Graduate School*.

The course is open to men and women who hold a university degree in any subject, but a knowledge of Mathematics, Statistics and Economics to the level of the Part I examination of the B.Sc. (Econ.) degree will be assumed. A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

The fee for the first year of the course is £100 and for the second year, £50, each payable in advance. No separate registration or examination fees will be charged.

Applications should be made on the appropriate application form and sent to the Secretary of the Graduate School so as to reach her 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 Secretary of the Graduate School.

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) Operational Research Methods.
- (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.

5. The examiners may test any candidate by means of oral questions.

6. A mark of distinction shall be awarded to candidates who show exceptional merit.

7. The examination shall be conducted by such members of the staff of the London School of Economics and Political Science as may be designated as internal examiners in each year by the Director, together with one or more external examiners. An external examiner shall be a person appointed by the Academic Board who, at the time of the examination, is not a member of the staff of the School. He shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

8. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of five papers and the examiners do not consider his failure in the sixth to be serious they may, at their discretion, declare him to be referred in that paper.

9. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

10. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made

application supported by a medical certificate to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

11. A candidate who, for reasons which in the opinion of the Director are sufficient, fails to present himself for examination or who presents himself but fails to satisfy the examiners, may be a candidate for the whole of the examination on one, but not without the special permission of the examiners more than one, further occasion. If on that occasion a candidate is referred in one paper Regulation 8 shall apply to him.

4. 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.
Social Policy and Administration	1
The Economic and Social Background to Social Policy and Administration	1
Psychology and Social Structure	1

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 overseas 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 normally 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. Overseas graduates of a British university are not required to take the entrance examination, but they must have had the year's practical experience. The Diploma course is adapted to meet the needs of students, both from the United Kingdom and from overseas, who intend to work outside the United Kingdom, and separate papers for these students are set in the examination for the Diploma. British graduates who wish to follow this "overseas option" are required to have had a year's practical experience in an overseas country.

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 convenor of the department of Social Science and Administration, hereinafter referred to as the convenor 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. A mark of distinction shall be awarded to candidates who show exceptional merit.

11. 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.

12. A candidate who completes the course of study for the Diploma, but for reasons which, in the opinion of the convenor 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.

13. Each candidate for the Diploma shall be required to submit to the convenor 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 convenor of the department may in a particular case permit) after that date, evidence to the satisfaction of the convenor of the department of his having completed practical work of such nature and such duration as may be prescribed by the convenor 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.
Elements of Social Analysis	1
Social Policy and Administration	1
Psychology	1
Social Economics	1

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 or other suitable experience 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 convenor of the department of Social Science and Administration (hereinafter in these Regulations referred to as the convenor 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 convenor 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. A mark of distinction shall be awarded to candidates who show exceptional merit.

11. 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.

12. 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.

13. Each candidate for the Diploma shall be required to submit to the convenor 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 convenor of the department may in a particular case permit) after that date, evidence to the satisfaction of the convenor of the department of his having completed practical work of such nature and such duration as may be prescribed by the convenor of the department.

5. 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 overseas applicants) desiring to enter the School as a regular student must apply by 1 June preceding the session for which admission is desired, but if vacancies are available later applications from university graduates will be considered. Interviews will be given during the Easter Vacation, however, for candidates who apply by 31 January, and those who are not exempt from the entrance examination will take an examination early in March. A second entrance examination will be held at the end of June, followed by interviews in July.

Applicants 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. Overseas 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 personal 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 Registrar, 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 convenor of the department of Social Science and Administration). The examination shall comprise the following papers:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Part I		
1. The Economics and Organisation of Business Enterprise	1	8, 11, 12, 22, 148, 959
2. Industrial Relations and Industrial Law	1	348-50, 356-7, 421
3. Industrial Psychology and Sociology	1	351-2, 751-3, 830, 915-6, 943
4. Principles and Practice of Personnel Management	1	723, 750
Part II		
An oral examination based on the report of an investigation undertaken by students during the year		753

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. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. 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.

10. A candidate who completes the course of study for the Diploma but for reasons which, in the opinion of the convenor 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.

6. 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 convenor 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 convenor of the department of Social Science and Administration, hereinafter referred to as the convenor 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 convenor 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. A mark of distinction shall be awarded to candidates who show exceptional merit.

11. 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.

12. 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 convenor 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.

7. 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 convenor of the department of Social Science and Administration, hereinafter referred to as the convenor 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 convenor 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 convenor 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. A mark of distinction shall be awarded to candidates who show exceptional merit.

11. 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.

12. 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 convenor 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 1965-66 more than 1,100 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 Public Record Office which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the Social Sciences.

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.

A separate pamphlet, *The Graduate School*, issued each session, is obtainable by post on request. A copy should be obtained from the Office of the Graduate School by students applying personally for

post-graduate registration. It contains a fuller description of graduate facilities, procedure on registration, the main regulations for internal higher degrees of the University of London open to students at the School, notes on library and social facilities and the details (abstracted from this Calendar) of advanced lectures and seminars reserved, or regarded as specially appropriate, for graduate students.

Enquiries about admission to the Graduate School by post should be addressed to the Secretary of the Graduate School. Applicants enquiring in person should call at the Office of the Graduate School. Applications from abroad for October entrance must reach the School by 1 February on the prescribed form and fully documented. As preliminary correspondence is usually necessary, applicants are advised to make first enquiries well in advance.

For all further particulars on facilities and procedure students are referred to the pamphlet of the Graduate School.

For fees see pages 155-7.

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 (either 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 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 and the University.

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. Leave of absence may, under proper conditions, be permitted if the material for the work of a student registered for the M.Phil. or Ph.D. exists elsewhere. A whole-time student granted leave of two terms or more must have been in attendance before entry to the degree examination for not less than four terms at the School and a part-time student not less than seven terms; neither the first nor the last term of the course can be counted as leave of absence.

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 student registered for the Ph.D. who wishes to proceed instead to the M.Phil. must apply through the School for permission to do so. The length of further course, if any, which he will be required to pursue for the M.Phil. will be prescribed in each case by the University. On registering for the M.Phil. 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 three academic years.

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 three 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 nine months 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. 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 or modified 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 the 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 typewritten or published in his own name. 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 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.

EXAMINATION

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 and Finance	Industrial Relations	Politics
Demography	International History	Social Administration and Social Work Studies
Economics	International Law	Social Anthropology
Econometrics	International Relations	Sociology
Economic History	Operational Research	Statistics
Geography	Philosophy	Planning Studies

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 must apply to the Graduate School Office for a form of entry, by 15 January or 1 April for either the June or the September examination. This form must be sent, duly filled up, together with the appropriate fee to the Academic Registrar **not later than 1 February or 1 May**.

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".

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

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.

Candidates who intend to study a particular region in any of the following branches: Economics, Geography, International Relations, Politics, Sociology, may, with the consent of the teachers in the relevant branches substitute for one (or in exceptional cases for two) of the papers prescribed one (or two) papers concerned with their chosen region from one (or two) other branches.

In addition to taking four examination papers, candidates may be required to satisfy a language requirement in a language appropriate to their chosen region.

I. Accounting and Finance

	Reference Nos. of Courses.
The examination will consist of four papers or of three papers and an essay or report written during the course of study:	
(1) and (2) Economic Aspects of Accounting	144-5, 147, 948
(3) Economics of Industry	146
(4) One of the following:	
(i) Management Mathematics	915-6, 959
(ii) Mathematical Programming	964, 986-7
(iii) Computer Programming and Simulation ¹	
(iv) Automatic Data Processing	951, 958, 982-4
(v) An essay or report of not more than 10,000 words on a topic or project within the general field of study.	

The choice of option for Paper (4) must be approved by the candidate's teachers.

Candidates must satisfy the examiners that they understand and can apply the general principles of computer programming.

II. Demography

	Reference Nos. of Courses.
The examination will consist of three papers and a record of practical work done during the course:	
(1) Demography I	682, 684, 687, 689, 690
(2) Demography II	680, 681, 685, 688
(3) One of the following:	
(i) Methods of Sociological Study	862, 862(A), 991-2
(ii) Social Structure and Social change	837, 866

¹ Not at present available.

	Reference Nos. of Courses.
(iii) Economics of Poor Countries and their Development	68-71, 75
(iv) Economic Growth Historically Considered	281
(v) Problems of Public Health and Socio-medical Research	872 and other courses by special arrangement
(vi) Design and Analysis of Statistical Investigation	926, 971-977(A)
(vii) Any other subject approved by the candidate's teachers. ¹	

III. Economics

Candidates will be required to choose *one* of the following four methods of taking the examination:

	Reference Nos. of Courses.
1. Economics	
The examination will consist of four papers as follows:	
(1) Economic Theory	38-41, 43-46
(2) Methods of Economic Investigation	38-9, 42-4, 47
(3) <i>One</i> of the following branches (2 papers):	
(i) Advanced Economic Theory	48-50
(ii) History of Economic Thought	51
(iii) International Economics	29, 52-8
(iv) Labour Economics	59
(v) Monetary Economics	27-8, 34, 60-4
(vi) Economics of Public Enterprise	—
(vii) Economics of Transport	—
(viii) Public Finance	25-6, 65-6, 89
(ix) Economics of Industry	67
(x) Business Administration	—
(xi) Business Finance	—
(xii) Economics of Poor Countries and their Development	68-71, 75
(xiii) Agricultural Economics	72-5
(xiv) Economic Problems of a Particular Region	76-7, 93
(xv) Economic Aspects of Accounting	144-5, 148, 948
(xvi) Any other field of economics approved by the candidate's teachers.	

2. Economics²

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).

3. Economics

If approved by his college, the candidate may be permitted to take four papers in any one of the fields of Economics specified under III, 1. (3) or three papers plus an essay of not more than 10,000 words written during the course of study and approved by the candidate's teachers.

¹ Only subjects organically connected with the candidate's main subject will be considered. Each application requires approval by the appropriate Higher Degrees Subcommittee.

² This course of study is *not* available to students of the London School of Economics.

4. Economics

In exceptional circumstances a candidate may be permitted to take four papers in any one of the fields of Economics specified under 1. (3).

IV. Econometrics

	Reference Nos. of Courses.
The examination will consist <i>either</i> of four papers, <i>or</i> of three papers and a record of practical work done during the course.	
(1) Quantitative Economics (two papers)	78
(2) <i>One</i> of the following:	
(i) Advanced Economic Analysis	79-80, 969
(ii) Econometric Theory	82-4, 977(A) and (B)
(iii) Economic Statistics	934(A), 937, 943-6
(iv) Mathematical Programming	964, 986-7
(v) Any other subject approved by the candidate's teachers. ¹	

V. 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 <i>two</i> of the following periods (2 papers):	
(i) England, 1380-1530	277
(ii) England in the Seventeenth Century	278, 263
(iii) Britain, 1783-1850	264, 266, 279
(iv) Britain, 1900-1950	264, 279
(v) U.S.A., 1890-1929	269, 280
(2) An Essay of about 10,000 words on an approved topic relating to one of the candidate's chosen periods.	
(3) <i>One</i> of the following:	
(i) Economic Growth Historically Considered	281
(ii) Social Structure and Social Change	866
(iii) Economic and Social Thought in <i>one</i> 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	—

VI. Geography

The examination will consist of four papers as follows:

(1) Modern Geographical Thought and Practice	226
(2) Three papers taken in <i>one</i> or, in special cases <i>two</i> , of the following aspects.	
One paper may be an Essay:	
(i) Economic Geography	} Appropriate courses for these papers, including Nos. 227-237, will be arranged in consultation with supervisors.
(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.

¹ Only subjects organically connected with the candidate's main subject will be considered. Each application requires approval by the appropriate Higher Degrees Subcommittee.

VII. *Industrial Relations*

Candidates will be required to study the structure and functioning of systems of industrial relations in Britain, U.S.A. and other countries. The examination will consist of four papers as follows:

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

Supervisors will recommend to candidates the courses appropriate for the options selected.

VIII. *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 in *one* of the following periods:

(i) 1688-1815	}	By special arrangement. See Course No. 316.
(ii) 1815-1919 ..	..	..	..	..	..
(iii) 1919-1946 ..	..	..	..	..	..

IX. *International Law*

The examination will consist of four papers.

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

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.

Supervisors will recommend to candidates the courses appropriate for the option selected.

X. *International Relations*

The examination will consist of four papers.

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

	Reference Nos. of Courses.
1. International Politics	502-3, 506, 529-31, 538
2. International Politics of an Approved Region (e.g. Europe, Africa, Southern Asia, Latin America) ¹	502, 505, 532, 534-6
3. The Foreign Policies of the Powers	503-4, 530
4. International Institutions	506-7, 510, 531, 542
5. European Institutions	507, 533, 542, 589
6. Theories of International Politics	521-2, 540-1
7. Strategic Studies	512-17, 537-8

Supervisors will recommend to candidates additional specialist courses.

¹ There is no teaching for Latin America at present.

XI. *Operational Research*

The examination will consist of five papers and a record of practical work assigned during the course.

	Reference Nos. of Courses.
¹ (1) <i>Either</i> Statistical Theory I or Design and Analysis of Statistical Investigations	913-4, 923-5, 971 926, 971-977(A)
¹ (2) <i>Either</i> Stochastic Processes and Applications or Statistical Theory II	923, 960, 966-8, 985 966-9
(3) Mathematical Programming	964, 986-7
(4) <i>Two</i> of the following:	
(i) Operational Research Methods	471, 705, 989
(ii) Management Accounting	148
(iii) Automatic Data Processing	951, 958, 982-4
(iv) Econometric Theory	82, 84, 977(A) and (B)
(v) Any other subject approved by the candidate's teachers ²	—

N.B. A knowledge of mathematics, statistics and economics to the level of the Part I examination of the B.Sc. (Econ.) 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.

XII. *Philosophy*

The examination will consist of four papers.

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

	Reference Nos. of Courses.
1. Logic	
(1) Mathematical Logic	476, 480, 483, 485, 913-4, 957
(2) <i>Three</i> of the following:	
(i) Philosophy of Mathematics	476
(ii) History of Logic	—
(iii) Introduction to Modern Mathematics	900
(iv) Foundations of Probability and Statistics	485, 923, 968
(v) Advanced Scientific Method	471, 477
(vi) History of Epistemology	473, 477, 484
(vii) Selected Topics in the History of Science	481
2. Scientific Method	
(1) Advanced Scientific Method	471, 477, 483-4
(2) <i>Three</i> of the following:	
(i) History of Epistemology	473, 477, 484
(ii) History of Logic	—
(iii) Elements of Mathematical Logic	472, 476, 480, 485, 913
(iv) Foundations of Probability and Statistics	485, 923, 968
(v) Selected Topics in the History of Science	481
(vi) Methodology of the Social Sciences	487

XIII. *Planning Studies***Regional and Urban Planning Studies**

The examination will consist of three papers and *either* an essay *or* a report of practical exercises.

- | | |
|--|------------|
| (1) The Economics of Regional and Urban Planning. . . | — |
| (2) Administration in Regional and Urban Planning. . . | 575-6, 598 |
| (3) Geographical Aspects of Regional and Urban Planning. . . | 238 |

¹ In papers (1) and (2) the choice of subject must be approved by the candidate's teachers.

² Only subjects organically connected with the candidate's main subject will be considered; each application requires approval by the appropriate Higher Degree Sub-committee.

- (4) *Either* an essay of not more than 10,000 words on an approved topic¹
Or a report of not more than 10,000 words on practical exercises carried out during the course.

Candidates must also satisfy the examiners that they have a sufficient level of attainment in statistics.

XIV. Politics

The examination will consist of four papers.

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

	Reference Nos. of Courses.
1. History of Political Thought	600
2. The Politics and Government of the United Kingdom ..	601
3. Comparative Government	602
4. Political Sociology	574, 593-5, 603, 839, 852-3
5. Theory and Practice of Public Administration	6, 576-7, 599, 604, 610-I, 613
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)	6, 583, 588, 589, 605-6

XV. Social Administration and Social Work Studies

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

Candidates will be required to choose *one* of the following options:—
Either A.

	Reference Nos. of Courses.
(1) Social Policy and Administration	743
(2) <i>Two</i> of the following:	
(i) Medical care	744
(ii) Social Security	745
(iii) Welfare Services	746
(iv) Housing and Town Planning	598, 747
(v) Community Development	724-5, 748
(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 teachers. ¹	

Or B.

- (1) Social Work Studies.
- (2) Social Problems and Social Services.
- (3) Mental Health and Mental Disorder.

Candidates for option B. must also attain a satisfactory standard in field work. The assessment of field work will be based on supervisors' reports and on an essay dealing with an aspect of this work approved by the candidate's teachers.

Supervisors will recommend appropriate courses for option B.

¹ Only subjects organically connected with the candidate's main subjects will be considered; each application requires approval by the appropriate Higher Degrees Sub-Committee.

XVI. Social Anthropology

The examination will consist of four papers, as follows:

- (1) Development of Social Anthropology.
- (2) *One* of the following subjects (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.

Supervisors will recommend to candidates the courses appropriate for the options selected.

XVII. Sociology¹

The examination will consist of four papers, at least *two* of which must be taken from those numbered (1), (2), (3) and (4).

Those wishing to concentrate on Social Psychology must take paper (4) and at least one paper from options (17) to (21).

	Reference Nos. of Courses.
(1) Sociological Theory	861
(2) Methods of Sociological Study	862, 869(A) or 991 or 992
(3) Social Structure of Industrial Societies	—
(4) Theories and Methods of Social Psychology	710, 711, 991
(5) Sociology of Education	—
(6) Sociology of Deviant Behaviour I	864
(7) Sociology of Deviant Behaviour II	865
(8) Industrial Sociology	—
(9) Social Structure and Social Change	—
(10) Social Structure of Non-industrial Societies	—
(11) Sociology of Development (with special reference to one region e.g., Japan or Latin America)	235, 868, 874-5
(12) Demography I	682, 684, 687, 689-90
(13) Race Relations	869
(14) Theories and Concepts of Political Sociology	574, 593-5, 603a and b, 852-3
(15) Political Stability and Change	574, 593-5, 603a and b, 852-3
(16) The Study of Political Behaviour	574, 603c, 852
(17) Personality and Socialisation	717
(18) Communication and Attitude Change	712
(19) Psychological Aspects of Language	713
(20) The Social Psychology of Industrial and other Organisations	716
(21) The Psychological Study of Groups	718

XVIII. Statistics.¹

The examination will consist of three papers and a record of practical work² done during the course. At least one paper must be taken from those numbered (1), (2) and (3).

¹ In the University Regulations and the handbook *The Graduate School*, Sociology is Branch No. XVIII and Statistics is Branch No. XIX.

² Courses 979-81.

	Reference Nos. of Courses.
(1) Statistical Theory II	966-9
(2) Statistical Theory III	970-4, 977(A), 993-4,
(3) Design and Analysis of Statistical Investigation ..	926, 971-977(A)
(4) Economic Statistics	934, 937, 943-6
(5) Social Statistics	680, 936, 938, 941-3
(6) Econometric Theory	82, 84, 977(A) and (B)
(7) Mathematical Programming	964, 986-7
(8) Survey Methods	862, 939, 941, 978
(9) Statistical Methods in Psychology	—
(10) Any other topic approved by the candidate's teachers. ¹	

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

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.

Students registering for the M.Phil. at any time other than the

¹ Only subjects connected with the candidate's main subject will be considered; each application requires approval by the appropriate Higher Degrees Sub-Committee.

beginning of the session will be required to pursue a course of not less than two calendar 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.

The thesis or dissertation must be written in English. The greater portion of the work must have been done after the registration of the student as a candidate for the M.Phil. The thesis or dissertation shall be either a record of original work or an ordered and critical exposition of existing knowledge.

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. 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 LAWS
(M.Phil.)

The M.Phil. by thesis or dissertation is awarded in the Faculty of Arts in:

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

Candidates for the M.Phil. in Anthropology and Geography will be examined by means of a thesis and an oral examination. In Psychology the University may in certain cases prescribe a written examination.

The M.Phil. by thesis or dissertation is awarded also in the Faculty of Laws.

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 have obtained either 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 not less than 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 May. 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 and Space 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 Personal Taxation.
Law of Business Taxation.
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 SOCIAL 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.

Students are required to attend a course of study approved for this purpose by the University, extending over two sessions. The course of study must, unless special exemption is obtained, be continuously pursued.

Candidates are required to take the following papers:

- (i) History and Principles of Social Anthropology.
- (ii) Social Structure; Political and Economic Organisation.
- (iii) Values, Beliefs and Ritual.
- (iv) Ethnography of a region with special reference to selected peoples (any region indicated for the Honours Degree in Anthropology examination may be offered for the Diploma). Consideration will be given to the major indigenous institutions and their significance in modern conditions.
- (v) One of the following options:
 - (a) Applied Social Anthropology.
 - (b) Social Anthropological Studies of Sectors of Complex Modern Societies.
 - (c) General Principles of Linguistics.
 - (d) Primitive Technology.
 - (e) An essay consisting of a paper of 3 hours, relating to a subject within the fields of the first three papers.

A dissertation of not more than 40,000 words may be offered in lieu of papers (iv) and (v).

The subject of the dissertation must be submitted to the candidate's supervisor by 1 January.

The examination is held once a year beginning on the second Monday in June. Every student entering for this examination must apply to the Graduate Office by 1 March at the latest, for an entry form which must be returned to the University, duly filled up with the certificate of course of study thereon attested in accordance with General Regulations for Approved Courses of Study, together with the proper fee, not later than 15 March. Candidates submitting original work in the form of a dissertation must submit two copies of the dissertation typewritten or printed, and bound in the prescribed fashion, not later than 15 May.

The fee is £18 for each entry to the examination.

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.

Candidates shall not be approved by the Examiners unless they have shown a competent knowledge in all the branches prescribed for the examination.

A student shall enter for the whole examination at the end of his two-year course.

A provisional list of successful candidates, arranged in alphabetical order, will be published by the Academic Registrar on 27 July. A Mark of Distinction will be placed against the names of those candidates who show exceptional merit.

The following courses are provided for the diploma at the School: 641, 643-645, 649, 652, 832, 834.

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

DATES OF EXAMINATIONS
(INTERNAL STUDENTS)
1966-1967

Entry forms for these examinations should be obtained from the Registry (Room H310) 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 1967
Examination begins	..	..	..	8 June 1967
B.Sc. (Econ.) Final, Part II				
Entry closes	..	..	..	1 February 1967
Examination begins	..	..	..	22 May 1967
B.Sc. (Soc.)				
Entry closes	..	..	..	1 February 1967
Examination begins	..	..	..	8 June 1967
B.Sc. (Special) Anthropology				
Entry closes	..	..	..	15 February 1967
Examination begins	..	..	..	1 June 1967
B.Sc. in Social Anthropology, Part I				
	..	..	..	To be announced
B.Sc. (Special) Geography				
Entry closes	..	..	..	15 February 1967
Examination begins	..	..	..	1 June 1967
B.Sc. Geography (New Regulations), Part I				
	..	..	..	To be announced
M.Sc. Econ. (Old Regulations) ¹				

December Examination

Entry closes	..	..	..	15 September 1966
Examination begins	..	..	..	5 December 1966

¹ Entry forms should be obtained from the Graduate Office.

May Examination

Entry closes	..	..	..	..	1 February 1967
Examination begins	..	..	..	..	22 May 1967
M.Sc. ¹					
Entry closes	..	..	..	..	To be announced
	..	..	..	..	1 February 1967 for June examination, 1 May 1967 for September examination
Examination begins	..	..	..	..	either 19 June 1967 or 25 September 1967 according to subject
LL.B. Intermediate.					
Entry closes	..	..	..	..	25 March 1967
Examination begins	..	..	..	..	5 June 1967
LL.B. Final (Pass and Honours) (Old Regulations).					
Entry closes	..	..	..	..	1 February 1967
Examination begins	..	..	..	..	12 June 1967
LL.M. ¹					
Entry closes	..	..	..	..	1 May 1967
Examination begins	..	..	..	..	25 September 1967
B.A. Final.					
Entry closes	..	..	..	..	15 February 1967
Examination begins	..	..	..	..	2 June 1967
M.A. (Old Regulations). ¹					
December Examination					
Entry closes	..	..	..	..	15 September 1966
Examination begins	..	..	..	..	5 December 1966
May Examination					
Entry closes	..	..	..	..	1 February 1967
Examination begins	..	..	..	..	22 May 1967
Academic Postgraduate Diploma in Anthropology. ¹					
Entry closes	..	..	..	..	15 March 1967
Examination begins	..	..	..	..	12 June 1967

¹ Entry forms should be obtained from the Graduate Office.

SPECIAL COURSES

- (1) Joint Postgraduate Studies in Technology, Economics and Administration.
- (2) Trade Union Studies.
- (3) Foreign Service Course.

I. 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 Science 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, Aldwych, London, W.C.2.

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 approval, 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 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.
- (vii) Industrial Sociology and Psychology.

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 certificate from the School describing the work done and the standard reached during his period of study.

Application forms for admission may be obtained from the Department of Industrial Relations.

Full details of the fees payable are given in the Fees section of the Calendar.

3. 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 pp. 178-9.

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 10,900 non-governmental periodicals (of which 4,000 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 9,100 serials (of which 5,800 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 460,000 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 page 554. 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 880 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 request 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 20,000 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 120 readers. A leaflet 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 "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) Honorary Fellows.
 - (c) Staff.
 - (d) Regular students.
 - (e) Intercollegiate students.
 - (f) 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) Undergraduates of other universities and colleges (on vacation only).
 - (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 and other photographic copies may be obtained from the Library Photographic Department which also has cheap self-service rapid copying equipment. A list of charges is available on application. In the Library there are eight micro-text readers (microfilm, microcard, microprint).

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, O.B.E., 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 are advised to register with a general practitioner in the area in which they are living in term time so as to receive the full benefits of the National Health Service; but they may, in special circumstances and at his discretion, register under the National Health Service with Dr. Levitt. 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 regular students of the School. 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 Studies. 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 overseas 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 and Finance 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 221-2).

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 represents student interests and co-operates with the School authorities in securing necessary improvements in student 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 *Information for Undergraduate Students* issued to first-year students.

Union meetings are held in the Old Theatre on Friday evenings during Term. All students are urged to attend Union meetings, where they can help decide Union policy as well as take part in debates and discussions. Full details of meetings are published on the Union notice-boards.

The Union provides many useful services in the fields of social activities, student welfare and relations with outside student bodies. Among these services are: debates, socials, dances; advice and information on housing, and grants and fees; a barber's shop and a number of common rooms and other amenities; and cheap travel and vacation work obtained in co-operation with the National Union of Students.

Members of the Union are also members of the University of London Union and are entitled to use all its premises and its services, and to participate in its activities. Full-time students are also entitled to receive

all the services of the National Union of Students, to which the Students' Union is affiliated.

The Union is a member of A.I.E.S.E.C. (Association Internationale des Etudiants en Sciences Economiques et Commerciales) under the auspices of which vacation traineeships for students in many countries are arranged. It is also a member of CEDESE (Communauté Européenne des Etudiants en Sciences Economiques) in which it associates with six other Economics schools in Europe to promote European understanding by means of exchanges.

The *Clare Market Review*.—The Union magazine was founded over fifty years ago, and is published twice a year. This is a magazine of special interest to students of the social sciences, with articles from staff, students and outside contributors. The Students' Union also publishes a fortnightly newspaper, *Beaver*.

Hon. President:

Professor STAUGHTON LYND

Executive Officers:

President	D. L. ADELSTEIN
Deputy President	A. GILLIE
Administrative Vice-President ..	C. J. BROWN
Academic Affairs Vice-President	MARIAN F. RUBIN
External Affairs Vice-President	D. KERSHAW
Social Vice-President	ELIZABETH E. BROCKBANK
Welfare Vice-President	S. K. MALIK
General Secretary	J. H. BECK
Senior Treasurer	E. J. RAZZELL

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	W. B. BEAGAN
Athletics	P. GREENHALGH

<i>Club</i>	<i>Secretary</i>
Badminton	J. LOH
Basketball	M. FROST
Boat (Men's)	D. OWEN
Canoe	G. RIVERS
Cricket	D. B. PHELPS
Fencing	—
Golf	M. WREN
Gliding	R. A. NASH
Hockey (Men's)	R. A. MOWBRAY
Hockey (Women's)	JENNIFER M. BUTTERWORTH
Judo	D. J. BROWN
Mountaineering	A. E. WILSON
Netball	GINA JONES
Riding	J. STOBART
Rifle	—
Rugby Football	M. G. BOYES
Sailing	PATRICIA SMITH
Squash (Men's and Women's)	ELIZABETH A. WALTON
Swimming and Water Polo	—
Table Tennis	M. YAMINI
Tennis (Men's)	J. R. FINNEY
Tennis (Women's)	ELIZABETH A. WALTON
Weight-lifting	M. R. PERRY
Y.H.A.	P. A. ANDREWS

There are two extensive sports grounds totalling some thirty-five acres at New Malden, to which there are frequent trains from Waterloo.

The grounds have facilities for Association and Rugby football, hockey, cricket, bowls and lawn tennis. The pavilions have hot and cold showers and a plunge bath. 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 Golf Club plays at Malden Golf Club; the Gliding Club uses Lasham Aerodrome, Hants; the Riding Club goes to Wimbledon Common and the Canoe Club meets at Raven's Ait, Surbiton.

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

Executive Officers:

President	R. A. BENDER
Vice-Presidents	{ A. J. DAVIES
	{ P. M. GOLDSTONE
General Secretary	TRICIA C. KAY
Assistant General Secretary	SARAH P. J. WHITAKER
Treasurer	R. F. DUDLEY-EVANS

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, arranging week-end parties, the Annual Dinner, and other such events (details of which are posted on the notice board in the Common Room) and otherwise 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, 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 163 students in single, double, and treble study-bedrooms. The fees are, at present, £183 15s. od., £172 10s. od. and £161 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 of 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, 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 per 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, 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. An extension providing 150 more single rooms may come into use during 1966-67.

Fees:—£6 0s. 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 Hall Secretary and should be returned by 31 May.

INTERNATIONAL STUDENTS HOUSE,

1-6, Park Crescent, W.1.

International Students House, on the edge of Regent's Park, offers study-bedroom accommodation and Club facilities to men students from the United Kingdom and overseas.

Fees:—£4 12s. 9d. (single room), £4 5s. 9d. (double room) and £3 18s. 9d. (treble room) per week. This includes bed and breakfast only. In addition, a membership fee of 2 guineas a year and a returnable key deposit of £1 are payable.

Application for residence should be made through the Registrar's Department at the School, which will also have current programmes on Club activities.

Halls of Residence for Women

Intercollegiate Halls

These three Halls of Residence for Women Students are under the authority of the Halls of Residence Committee of the University of London. Only full-time students of the University are eligible for admission. An application-form and information may be obtained from any one of the Halls (a stamped addressed envelope must be sent with the enquiry), and the completed form should be sent to the hall of first choice by the end of March for admission the following October. There are occasional vacancies in the course of the academic year.

CANTERBURY HALL, Cartwright Gardens, W.C.1. (Warden: Miss V. McCririck, M.A., L.R.A.M.). 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. (Warden: 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: £171-£181 10s. od. 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 £162 (for share of double). Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

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 more than 50 self-contained flats for married students.

Fees, including breakfast, are from £4 4s. od. to £6 os. 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.

LILLIAN PENSON HALL

Talbot Square, W.2.

Lillian Penson Hall, formerly a large hotel, which was purchased by the University in November 1964, is a hall of residence for postgraduate men and women students. A generous grant of £426,700 towards the

cost of purchase was provided by the Treasury through the British Council. The Hall includes single and double study-bedrooms each with private bathroom, telephone extension, wireless and central heating; there are also a few flats available for married couples without children.

Fees cover the rent of rooms only and vary according to the accommodation provided. The rent for a single room is £22 15s. od. per month and for a double £27 5s. od. There are some rooms with kitchens or cooking facilities at £31 15s. 6d. or £45 10s. od. and a few flats with double bedrooms, sitting room and kitchen at £54 10s. od.

Warden: P. F. Vowles, M.A. Telephone: Ambassador 2081.

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 £4 15s. od. and £7 7s. od. 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 Bursar at the School.

SPECIAL ASSOCIATIONS AND SOCIETIES

i. The London School of Economics Society

(Formerly Old Students' Association)

HONORARY OFFICERS AND COMMITTEE, 1965/66

<i>President</i>	.. ..	N. M. EKSERDJIAN.
<i>Vice-President</i>	.. ..	W. M. STERN.
<i>Life Vice-President</i>	.. ..	DR. VERA ANSTEY.
<i>Representative of the London School of Economics Society on the Court of Governors</i>	.. ..	W. H. B. CAREY.
<i>Secretary</i>	.. ..	DR. GUZINE RASHEED.
<i>Entertainments Secretary</i>	.. ..	MISS H. MARJORIE SIMPSON.
<i>Treasurer</i>	.. ..	J. B. SELIER.
<i>Auditor</i>	.. ..	J. W. SMITH.

<i>Committee Members</i>	{ THE OFFICERS and COL. F. W. G. BENEMY, MISS ILSE T. BOAS, MRS. ALICE M. C. CARTER, W. F. CRICK, MISS JANE T. HENDERSON, J. V. HERRING, D. J. KINGSLEY, MRS. DIANA OLDERSHAW, P. J. C. PERRY, J. WHYMAN, G. WOOD.
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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 magazine *L.S.E.* 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, —————; *Vice-Chairman*, SIR PAUL 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 and the Association has now undertaken to provide the furnishings for the Common Room in Carr-Saunders Hall, the new hall of residence for men students due to be completed in 1967. 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 197-208 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 219-221 of the Calendar.
3. M.Sc. The branch is indicated by roman numerals and the subject by arabic or small roman numerals. The title of each subject is also given in *italics* and the relevant regulations are set out on pages 257-264 of the Calendar.

DEVELOPMENT ADMINISTRATION

DEVELOPMENT ADMINISTRATION

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

For Diploma in Development Administration.

Syllabus.—The national income, its measurement and composition. Economic growth. Structural changes in the course of growth. The organisation of the use of resources. The operation of markets. Employment. The price level. Foreign trade. Government policies (including planning) with respect to growth, the operation of markets, employment, the price level and foreign trade. The emphasis will be on the problems of underdeveloped countries, with comparative material drawn from the experience of more advanced countries.

The following courses are also relevant, and students will discuss with their tutor which of them to attend:—

No. 8.—**Introduction to Economics.**

No. 68.—**The Economics of Poor Countries and their Development.**

No. 70.—**Economic Planning and Policy 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. 570.—**British Government and Bureaucracy.**

No. 575.—**The Growth and Character of Local Government.**

No. 576.—**The Aims and Methods of Governmental Planning.**

No. 583.—**African Government and Politics.**

3. Constitutional Change in New Commonwealth Countries. Professor de Smith. Six lectures, Lent Term (beginning in the 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); Special

Course for Overseas Administrators and for LL.B. and LL.M. students who are interested.

Syllabus.—The Westminster model of parliamentary democracy as adapted in newly self-governing and independent Commonwealth countries. 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. Presidential systems and single-party régimes. Political instability and constitutional breakdowns.

Recommended reading.—S. A. de Smith, *The New Commonwealth and its Constitutions*. References to other books and to articles and constitutional documents will be given during the course.

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*; R. Bendix and S. M. Lipset, *Social Mobility in Industrial Society*; 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*; A. H. Halsey, J. Floud and C. A. Anderson (Eds.), *Education, Economy and Society*; A. E. and E. Etzioni (Eds.), *Social Change*.

5. Social Policy in Developing Countries. Mr. Hodge and Mrs. Hardiman. Ten lectures, Lent and Summer Terms.

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

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, the development of social administration, forms of social provision in the fields of education, health, housing, social security, family welfare, working conditions and industrial relations.

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)*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; B. C. Roberts, *Labour in the Tropical Territories of the Commonwealth*; I. L. O. publications.

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. 652.—**Social Implications of Technological Change.**
- No. 684.—**Population Trends and Policies.**
- No. 720.—**Development of Social Administration.**
- No. 721.—**Social Policy.**

No. 722.—**Sociology of Medical Care.**

No. 835.—**Elements of Social Structure.**

No. 838.—**Comparative Social Institutions.**

No. 939.—**Survey Methods in Social Investigation.**

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

For Diploma in Development Administration and M.Sc.—*Theory and Practice of Public Administration*, XIV 5; *The Politics and Government of Nigeria*, XIV 6.

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.

ECONOMICS

	Pages
I. UNDERGRADUATE COURSES	311-23
Introductory Economics	311-3
Economics for Specialists	313-5
History of Economic Thought and Development of Economic Analysis	315
Mathematical Economics and Econometrics	316-7
Industry and Trade	317-9
Labour Economics	319
Business Finance	319-20
Public Finance	320
Monetary Economics	320-2
International Economics	322-3
Transport Economics	323
II. GRADUATE COURSES	323-38
A. M.Sc. IN ECONOMICS	323-35
Economic Theory and Methods of Economic Investigation	323-5
Advanced Economic Theory	326
History of Economic Thought	326
International Economics	326-8
Labour Economics	328-9
Monetary Economics	329-30
Economics of Public Enterprise	330
Economics of Transport	330
Public Finance	331
Economics of Industry	331
Business Administration	331-2
Business Finance	332
Economics of Poor Countries and their Development	332-3
Agricultural Economics	333-4
Economic Problems of the Communist World	334-5
Economic Aspects of Accounting	335
B. M.Sc. IN ECONOMETRICS	335-7
Quantitative Economics	335-6
Advanced Economic Analysis	336
Econometric Theory	336-7
C. OTHER GRADUATE COURSES	337-8
III. ADDITIONAL COURSES FOR UNDERGRADUATES AND GRADUATES	339

ECONOMICS

I. UNDERGRADUATE COURSES

Introductory Economics

8. Introduction to Economics. Mr. J. Shaffer. Eighteen lectures, Michaelmas and Lent Terms.

For B.A. Honours in Geography (First Year)—subsidiary subject of Economics; Diploma in Social Administration, incl. Overseas Option (First Year); Diploma in Social Administration, Overseas Option only (One-Year); Diploma in Personnel Management; Special Course for Overseas Administrators.

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.

8(a). Classes. Twelve fortnightly classes, Sessional.

9. Elements of Economic Analysis. Professor Day (day); Dr. Needleman (evening). Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.A. Honours in Philosophy and Economics; B.A./B.Sc. (Sociology), Branch I, 6 and Branch II, 4 (First Year).

Syllabus.—An introduction to economic analysis including the elements of price theory, distribution theory, money and banking, employment, price levels, interest rates and the balance of payments.

Recommended reading.—R. G. Lipsey, *An Introduction to Positive Economics*, or R. G. Lipsey and P. O. Steiner, *Economics*; P. A. Samuelson, *Economics: An Introductory Analysis*; R. Dorfman, *The Price System*.

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*; M. A. Eggers and A. D. Tussing, *The Level of Economic Activity*; *The Composition of Economic Activity*.

9(a). Classes. Thirteen fortnightly classes, Sessional.

10. Topics in Applied Economics. Professor Yamey. Eight lectures, Lent Term.

Restricted to Intermediate LL.B. students.

Syllabus.—The lectures will cover a selection of topics, including the following: (1) the joint stock company, the stock exchange, and changes in corporate control; (2) the patent system; (3) public policy towards monopoly, mergers and restrictive business agreements.

II. The Structure of Industry. Dr. Needham. Ten Lectures, Michaelmas Term.

For Diploma in Personnel Management.

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.

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

For Diploma in Personnel Management; optional for Diploma in Social Administration (One 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. 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*; D. J. Robertson, *Factory Wage Structure and National Agreements*; A. Rees, *The Economics of Trade Unions*.

13. Economics. Mr. Goodhart and Professor Devons (day), Mr. Griffiths and Mr. Townsend (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).

Syllabus.—The workings of contemporary economies (with special reference to the United Kingdom): their institutions, processes and problems, and the application of elementary economic analysis to the study of these.

- (a) Mr. Goodhart or Mr. Griffiths. 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 Mr. Townsend. 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.—E. H. Phelps Brown and J. Wiseman, *A Course in Applied Economics*; 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. R. Hicks, *The Social Framework*; 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*; M. H. Myint, *The Economics of the Developing Countries*; A. Nove, *The Soviet Economy*.

Further reading will be recommended during the course.

- 13(a). Classes.** Fifteen fortnightly classes for day students. Those for B.Sc.(Econ.) students will begin in the Summer Term of the second year and continue in the Michaelmas and Lent Terms of the third year. Those for B.A./B.Sc.(Sociology) and for Economics as a subsidiary subject will be Sessional. Evening classes will also be arranged.

Economics for Specialists

14. Economic Principles and Problems of Applied Economics.

DAY: (Dr. Needleman will be in charge of arrangements for these courses.)

(i) Quantitative Methods in Economics. Mr. Steuer. 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 1; B.A. Honours in Philosophy and Economics (Second Year).

Recommended reading.—W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); W. T. Dowsett, *Elementary Mathematics in Economics* or G. Tintner, *Mathematics and Statistics for Economists*.

(i) (a) Classes. Five classes, Michaelmas Term (beginning in the first week).

(ii) 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 1; 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* (2nd edn.).

(ii) (a) Classes. Thirteen classes, Michaelmas and Lent Terms. Revision classes in connection with courses Nos. 14 (ii) and (iii) will be held in the Lent Term for third-year students.

(iii) Introductory Macro-Economics. Mr. Henry. Ten lectures, Michaelmas Term.

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

Recommended reading.—T. F. Dernburg and D. M. McDougall, *Macro-Economics*; F. S. Brooman, *Macroeconomics*; M. G. Mueller (Ed.), *Readings in Macroeconomics*.

(iii) (a) Classes. Ten classes, Michaelmas and Lent Terms.

(iv) 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; IV 6, 7 and 8 b; V 5a; XI 5, 6 and 7 g (i); B.A. Honours in Philosophy and Economics (Second Year).

Recommended reading.—W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.).

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

For B.Sc.(Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; III 5; IV 6, 7 and 8 b; V 5a; XI 5, 6 and 7 g (i); B.A. Honours in Philosophy and Economics (Second Year).

Recommended reading.—J. C. R. Dow, *The Management of the British Economy, 1945-60*; J. Tinbergen, *Economic Policy: Principles and Design*.

(iv) (a) and (v) (a) **Classes.** Thirty classes, beginning in the Summer Term for second-year students and continuing in the Michaelmas and Lent Terms for third-year students.

(vi) **International Economics.** Mr. Steuer. Five lectures, Summer Term. (See Course No. 35.)

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

(vii) **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:

(viii) **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 1 (Third Year).

Recommended reading.—See sections (i)–(iii) above.

(ix) **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; IV 6, 7 and 8 b; V 5a; XI 5, 6 and 7 g (i) (Fourth Year).

Recommended reading.—See sections (iv) and (v) above.

A detailed guide to further reading for all sections will be given 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 formula-

tions 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*.

History of Economic Thought and Development of Economic Analysis

16. 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). Optional for B.A. Honours in Philosophy and Economics (Third Year).

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*; G. S. L. Tucker, *Progress and Profits in British Economic Thought, 1650-1850*; E. Cannan, *A Review of Economic Theory*; E. A. Johnson, *Predecessors of Adam Smith*; W. Letwin, *The Origins of Scientific Economics*; D. W. Vickers, *Studies in the Theory of Money, 1690-1776*; R. W. 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*; F. W. Fetter, *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.

16(a). Classes. Twenty classes, Michaelmas and Lent Terms.

17. The Development of Economic Analysis. (i) Micro-Economics. Professor Myint. Ten lectures, Michaelmas Term.
(ii) Macro-Economics. Dr. Corry. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Development of Economic Analysis*, I 7; II 3e (Third Year).

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.

17(a). Classes. Twenty classes, Michaelmas and Lent Terms.

Mathematical Economics and Econometrics

18. Economics Treated Mathematically.

For B.Sc.(Econ.) Part II—*Economics treated Mathematically*, IV 6, 7 and 8d (Second Year); I 8d; II 7; V 2f; X 1b (Second and Third Years); IV 8d; XI 1b (Third Year).

(i) **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*; S. Karlin, *Mathematical Methods and Theory in Games, Programming and Economics*, Vol. 1.

(ii) **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*.

(iii) **Mathematical Programming.** See Courses Nos. 962 and 963.

18(a). Classes will be arranged.

19. Econometrics.

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.)

(i) **Econometric Methods.** Professor Phillips and Mr. Tymes. Twenty lectures, Michaelmas and Lent Terms.

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.

Recommended reading.—J. Johnston, *Econometric Methods*; A. S. Goldberger, *Econometric Theory*.

(i) (a) **Classes.** Twenty classes, Michaelmas and Lent Terms.

(ii) **Applied Econometrics.** Dr. Desai. Ten lectures, Lent Term.

Syllabus.—A study of representative books and articles in which statistical methods have been used for investigating economic relations.

Recommended reading.—L. R. Klein, *An Introduction to Econometrics*; R. Stone, *The Measurement of Consumers' Expenditure and Behaviour in the U.K., 1920-38* (Vol. I), especially chapters 18 and 20; J. Tobin, "A Statistical Demand Function for Food, in the

U.S.A.," *Journal of the Royal Statistical Society*, Series A, 1950; H. S. Houthakker, "The Econometrics of Family Budgets," *Journal of the Royal Statistical Society*, Series A, 1952; J. A. Meyer and E. Kuh, "Acceleration and Related Theories of Investment," *Review of Economics and Statistics*, 1955; R. Eisner, "A Distributed Lay Investment Function," *Econometrica*, 1960; K. J. Arrow, H. B. Chenery, B. S. Minhas and R. M. Solow, "Capital Labour Substitution and Economic Efficiency," *Review of Economics and Statistics*, 1961; R. Solow, "Technical Change and the Aggregate Production Function," *Review of Economics and Statistics*, 1957; L. A. Klein, R. J. Ball, A. Hazlewood and P. Vandome, *An Econometric Model of the United Kingdom*; J. Johnston, "An Econometric Model of the U.K.," *Review of Economic Studies*, 1963.

(ii) (a) **Classes.** Ten classes, Lent Term.

Industry and Trade

20. **Economics of Industry and Trade.** Professor Yamey and Mr. Townsend. Thirty-two 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 (Second and Third Years); XI 5, 6 and 7g (ii) (Second Year).

Syllabus.—Part I: The Structure of Industry (Eighteen lectures). (1) Concentration in industry: the measurement of concentration; concentration, monopoly and market power. (2) The size of firms: economies and diseconomies of scale; empirical investigation of optimal scale. (3) Industrial structure and innovation; economies and diseconomies of scale; concentration, competition and innovation—theory and empirical studies. (4) Conditions of entry into industry: the role of entry; "barriers" to entry. (5) Vertical integration; measurement of vertical integration; the economics of vertical integration. (6) Specialisation and diversification; incentives to, and directions of, diversification; the "conglomerate" firm. (7) Economic growth and industrial structure.

Part II. A selection of topics relating to particular industries, markets and public policy measures. (Fourteen lectures). A list of topics will be given at the beginning of this part of the course.

Recommended reading.—A detailed reading list will be available at the beginning of the course. Recommended preliminary reading: R. Caves, *American Industry: Structure, Conduct, Performance*; R. S. Edwards and H. Townsend, *Business Enterprise* (especially Parts I and II).

20. (a) **Classes.** Thirty classes for second-year students, beginning in the Summer Term of the second year and continuing in the Michaelmas and Lent Terms of the third year.

21. **Economics of Public Enterprise.** (This course will not be given in the session 1966-67).

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*.

22. Business Administration: The Organisation of Business Enterprises and Problems of Business Policy. (This course will not be given in the session 1966-67.)

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 Theory and Operations Analysis*; A. S. Manne, *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.

22(a). Business Administration Classes. Professor G. P. E. Clarkson (Carnegie Institute of Technology) will hold classes for B.Sc. (Econ.) Part II—*Business Administration*, IV 4 and V 2b.

Labour Economics

23. Labour: Organisation and Relations. Professor Phelps Brown. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, IV 6, 7 and 8e (Second Year).

Syllabus.—The working population: numbers, quality, deployment and mobility. Collective bargaining: monopoly power and bargaining power. Methods of wage determination: areas and procedures. Industry-wide bargaining; effects of full employment. Minimum wage regulation. Compulsory arbitration. National incomes policy. Methods of settling disputes. Joint consultation and workers' control. Studies in motivation and morale. Labour management: lines of development, including "scientific management"; work study; methods of wage payment, including assessment of incentive methods; job evaluation and the wage structure.

Recommended reading.—Ministry of Labour, Manpower Studies No. 1, *The Pattern of the Future; Wages and Labour Mobility* (O.E.C.D. 1965); S. and B. Webb, *Industrial Democracy*; D. J. Robertson, *The Economics of Wages*, Pt. I; 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*; articles on national incomes policy in *British Journal of Industrial Relations*, Nov. 1964; U.K. Ministry of Labour, *Industrial Relations Handbook* (1961 edn.); E. L. Wigham, *Trade Unions* (H.U.L.); B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives*; 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*; J. A. C. Brown, *The Social Psychology of Industry*; 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, *Factory Wage Structure and National Agreements*; 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).

23(a). Classes. Twenty classes, Michaelmas and Lent Terms.

Business Finance

24. The Capital Market. Mr. Alford. Ten meetings of one-and-a-half hours each, Lent Term.

For B.Sc. (Econ.) Part II—*Business Finance*, IV 8c (Third Year).

Syllabus.—Framework of the capital market; banks; building societies; hire purchase finance companies; investment and unit trusts; insurance companies; official and semi-official financial institutions; the Stock Exchange and the new issue market; monetary policy.

Recommended reading will be given during the course.

Public Finance

25. **The Economics of Public Finance.** Dr. Breton, Dr. Byatt and Mrs. Oldershaw. Ten lectures, Lent Term (Second Year) and Ten lectures, Michaelmas Term (Third Year). Professor J. M. Buchanan (University of Virginia). Five lecture/seminars, alternate weeks, Summer Term (Second Year).

For B.Sc. (Econ.) Part II—*Public Finance*, I 3d or 8e; III 3j or 8d; suitable for M.Sc.—*Public Finance*, III 3 (viii) (Final Year).

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.

- 25(a) **Classes.** Ten classes will be held in the Lent Term for second-year students and ten in the Michaelmas Term for third-year students.

26. **Economic Aspects of British Social Services.** 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); B.Sc. (Sociology) Branch III, 3 (Second Year). Suitable for M.Sc.—*Public Finance*, III 3 (viii) (Final Year). Optional for Diploma in Social Administration (Second Year and One-Year).

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.

Monetary Economics

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

For B.Sc. (Econ.) Part II—*Monetary Institutions*, III 7 (Third Year); M.Sc.—*Monetary Economics*, III 3 (v) (Preliminary Year).

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.

28. **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); M.Sc.—*Monetary Economics*, III 3 (v) (Preliminary Year).

29. **International Monetary Experience.** Mr. Croome. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, III 7 (Third Year); M.Sc.—*International Economics*, III 3 (iii) (Final Year).

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).

30. **Analysis of the British Monetary System.** Mr. Alford. Twenty hours, Summer Term.

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

Syllabus.—The flow-of-funds approach. Debt management. Determinants of the volume of bank deposits. Banks and other financial intermediaries. The Radcliffe Report and its critics. Monetary policy.

Recommended reading.—*Radcliffe Report* (Report of the Committee on the working of the monetary system, Cmd. 827, August 1959); R. S. Sayers, *Modern Banking* (6th edn.); A. Holmes, Flow of funds accounts, *Bankers' Magazine* (Nov. 1963); Sector financing, *Bank of England Quarterly Bulletin* (June 1965); Inflows and outflows of foreign funds BEQB (June 1962); E. V. Morgan, Funding policy and the Gilt Edged market, *Lloyds Bank Review* (Oct. 1962); R. F. G. Alford, Local Authority borrowing, *Investment Analyst* (May 1964); W. T. Newlyn, The supply of money and its control, *Economic Journal* (June 1964); R. L. Crouch, The inadequacy of "new orthodox" methods of monetary control, *Economic Journal* (Dec. 1964), also comments and reply in *Economic Journal* (Dec. 1965); The influence of nonbank financial intermediaries (Chap. 12) in Ritter (Ed.), *Money and Economic Activity*;

A. B. Cramp, Financial Institutions and monetary policy, *Economica* (May 1962); A. B. Cramp, "Control of the Money Supply" (*Economic Journal*, June 1966); G. Clayton, British financial intermediaries in theory and practice, *Economic Journal* (Dec. 1962); The financial institutions, *BEQB* (June 1965); R. S. Sayers, Monetary Theory and Policy in England, *Economic Journal* (Dec. 1960); R. F. G. Alford and H. B. Rose, The Radcliffe Report and domestic monetary policy, *London and Cambridge Economic Bulletin* (Dec. 1959); *Not Unanimous*, Institute of Economic Affairs 1960; C. M. Kennedy, Monetary policy (Chap. 9 in Worswick and Ady, *The British economy in the 1950's*); E. V. Morgan, *Monetary policy for stable growth*; Institute of Economic Affairs, Hobart Paper 27; J. C. R. Dow, *The management of the British economy 1945-60* (Chaps. 9 and 12).

31. Theory of International Monetary Economics. Professor Day. Nine lectures, Michaelmas Term.

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

31(a). Classes. Mr. Croome. Ten classes. Lent Term. Students will be divided into two groups.

32. Seminar in Monetary Economics. Professor Sayers, Dr. Pressnell and others 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.

33. Monetary Theory. Mr. Goodhart. Ten lectures, Michaelmas and Lent Terms, alternate weeks (beginning in the first week of the Michaelmas Term).

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

33(a). Classes. Ten fortnightly classes of one-and-a-half hours each, Michaelmas and Lent Terms (beginning in the second week of the Michaelmas Term).

34. Monetary Institutions. Professor Sayers will hold a series of six seminars for B.Sc. (Econ.) Part II—*Monetary Institutions* III 7 (Third Year) and for M.Sc.—*Monetary Economics*, III 3(v) (Preliminary Year) for one-and-a-half hours, three in the Michaelmas Term and three in the Lent Term. Other students will be admitted only by permission of Professor Sayers.

International Economics

35. 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 1 and B.A. Honours in Philosophy and Economics (Second Year).

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

Transport Economics

36. Economics of Transport. Mr. Harrison. 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.

36(a). Classes. Five half-hour classes will be held immediately following each lecture.

37. Economics and History of Transport. Mr. Harrison. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economics of Transport*, XV 8e (Third Year).

Syllabus.—The course will be concerned principally with major current problems in transport.

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.

37(a). Classes. Fifteen half-hour classes will be held immediately following each lecture.

II. GRADUATE COURSES

(A) M.Sc. IN ECONOMICS

Economic Theory and Methods of Economic Investigation

38. Preliminary-Year Mathematics for Economists. Mr. Kuska. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economic Theory*, III 1; *Methods of Economic Investigation*, III 2 (Preliminary Year).

Description of course.—Introduction to calculus.

Recommended reading.—R. G. D. Allen, *Mathematical Analysis for Economists*.

38(a). Classes. Twenty classes, Michaelmas and Lent Terms.

39. Preliminary-Year Statistics for Economists. Mr. J. J. Thomas. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economic Theory*, III 1; *Methods of Economic Investigation*, III 2 (Preliminary Year).

Description of course.—Elementary probability theory. The binomial and normal distributions. Sampling theory. Problems of estimation. Hypothesis testing. Simple correlation. Linear regression.

Recommended reading.—J. E. Freund and F. J. Williams, *Modern Business Statistics*; or P. G. Hoel, *Elementary Statistics*.

39(a). **Classes.** Twenty classes, Michaelmas and Lent Terms.

40. **Preliminary-Year Micro-Economics.** Mr. Gregory. Twenty lectures, Sessional (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Economic Theory*, III 1 (Preliminary Year).

Description of course.—A survey of the basic theory of consumer demand; production; market structures; distribution; welfare economics.

Recommended reading.—G. J. Stigler, *The Theory of Price*; W. J. Baumol, *Economic Theory and Operations Analysis*; E. H. Chamberlain, *The Theory of Monopolistic Competition*; J. R. Hicks, *Value and Capital*, Book 1.

40(a). **Classes.** Ten classes.

41. **Preliminary-Year Macro-Economics.** Dr. Corry and others. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economic Theory*, III 1 (Preliminary Year).

Recommended reading.—J. M. Keynes, *The General Theory of Employment, Interest and Money*; T. F. Dernburg and D. M. McDougall, *Macro-Economics*.

41(a). **Classes.** Ten classes.

42. **British Economic Statistics.** Professor Devons. Ten lectures, Lent Term.

For M.Sc.—*Methods of Economic Investigation*, III 2 (Preliminary Year).

Description of course.—A discussion of the main British economic statistics, with special reference to their methods of compilation, reliability and uses in analysing the economic situation.

Preliminary reading.—National Institute of Social and Economic Research, *Quarterly Review*; H.M.S.O. *Monthly Digest of Statistics, Economic Trends and Annual Statistical Abstract*; E. Devons, *An Introduction to British Economic Statistics*.

43. **Final-Year Mathematics for Economists.** Mr. Kuska. Fifteen lectures, Michaelmas Term.

For M.Sc.—*Economic Theory*, III 1; *Methods of Economic Investigation*, III 2 (Final Year).

Description of course.—The course will consist of the development of the necessary mathematics for comparative statics with applications and an introduction to matrix algebra.

Recommended reading.—R. G. D. Allen, *Mathematical Economics*, Chapters 12, 13 and 14, or Taro Yamane, *Mathematics for Economists*, Chapters 10, 11 and 12; J. M. Henderson and R. E. Quandt, *Micro-Economic Theory*.

43(a). **Classes.** Fifteen classes, Michaelmas Term.

44. **Statistical Theory for Economists.** Mr. J. J. Thomas. Twenty lectures, Michaelmas Term.

For M.Sc.—*Economic Theory*, III 1; *Methods of Economic Investigation*, III 2 (Final Year).

Description of course.—Section I: Introduction, probability theory, frequency distributions. The binomial and normal distributions. Sampling theory. Estimation and hypothesis testing. Section II: Correlation analysis. Simple linear regression. Multiple regression analysis. Time-series problems. The analysis of variance.

Recommended reading.—For Section I: J. E. Freund and F. J. Williams *Modern Business Statistics* or P. G. Hoel, *Elementary Statistics*. For Section II: A set of duplicated lecture notes and a detailed reading list will be available at the beginning of the session.

44(a). **Classes.** Ten classes, Michaelmas Term.

45. **Final-Year Micro-Economics.** Dr. Breton. Fifteen lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Economic Theory* III 1 (Final Year).

Description of course.—The properties of general equilibrium in a two-factor, two-product model and the conditions for efficient resource allocation; the pricing of products in competitive and imperfectly competitive markets; the consequences in terms of resources and welfare of departing from efficient allocation and pricing; the relationship between product prices and factor prices; public goods and their effects on resource allocation, product and factor prices.

Recommended reading will be given during the course.

45(a). **Classes.** Ten classes, Lent Term.

46. **Final-Year Macro-Economics.** Professor H. G. Johnson. Thirty hours, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Economic Theory*, III 1 (Final Year).

Description of course.—Part 1: Monetary Theory—The classical tradition of monetary theory and the Keynesian revolution. The theory of demand for money: portfolio management and investing theory approaches. The supply theory of money. Financial intermediations. Money in general equilibrium theory. The theory of inflation. Money and economic growth. The Monetary Standard. Part 2: Macro-Economic Theory—The consumption function. The theory of investment. Business cycle theory. Theory of economic policy in closed and open economies. Problems of stabilisation policy. Models of economic growth.

Recommended reading.—Part 1: J. M. Keynes, *The General Theory of Employment, Interest and Money*; D. Patinkin, *Money, Interest and Prices* (2nd edition, 1965); G. Ackley, *Macro-economic Theory*; M. J. Bailey, *National Income and the Price Level*; H. G. Johnson, *Money, Trade and Economic Growth*, Chapters 5 and 6.

Recommended reading.—Part 2 will be given during the course.

47. **Economic Problems and Case Studies.** Mr. Steuer and others. Fifteen lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term.)

For M.Sc.—*Methods of Economic Investigation*, III 2 (Final Year).

Advanced Economic Theory

48. **Advanced Economic Theory.** Dr. Ozga. Twenty lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Advanced Economic Theory*, III 3(i) (Final Year).

Description of course.—Modern dynamics and comparative statics theory of micro and macro-economics, with a stress on precise formulation of its problems and on rigorous proof of the corresponding theorems.

Recommended reading will be given during the course.

- 48(a). **Classes.** Fifteen classes, Sessional.

49. **Activity Analysis in Economic Theory.** Dr. Mishan. Ten lectures, Lent Term.

For M.Sc.—*Advanced Economy Theory*, III 3(i) (Final Year).

Description of course.—An introduction to the basic methods of input-output and linear programming techniques, with emphasis on their application to problems of economic theory.

Recommended reading will be given during the course.

50. **Selected Topics in Economic Theory.** Dr. Ozga and others. Ten lectures, Lent Term.

For M.Sc.—*Advanced Economic Theory*, III 3(i) (Final Year).

Description of course.—The programme will be distributed at the beginning of the course.

History of Economic Thought

51. **History of Economic Thought.** Lectures and/or classes will be arranged.

For M.Sc.—*History of Economic Thought*, III 3(ii) (Final Year).

Description of course.—The title is sufficient indication of the course of study to be followed. The main outlines of the history of theoretical economics from the Ancient Greeks to the present day, including the history of theories of the methods of economics and some knowledge of the history of theories of economic policy. There will be particular emphasis on classical and post-classical developments.

Recommended reading will be given during the course.

International Economics

52. **International Economics.** Professor H. G. Johnson. Twenty lecture/classes, Sessional (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*International Economics*, III 3 (iii) (Final Year).

53. **Theory of International Monetary Adjustment.** Dr. O'Connell. Ten lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*International Economics*, III 3 (iii) (Final Year).

Recommended reading.—J. E. Meade, *The Theory of International Economic Policy* (Vol. I, The Balance of Payments); *Mathematical Supplement*; H. G. Johnson, *International Trade and Economic Growth*; F. Taussig, *International Trade*; J. Viner, *Studies in the Theory of International Trade*.

54. **International Trade Statistics and the Structure of International Trade.** Professor Devons. Five lectures, Michaelmas Term.

For M.Sc.—*International Economics*, III 3(iii) (Final Year).

Description of course.—The main sources of international trade statistics and payments. The structure of world 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.

55. **Current Topics in International Trade Policy.** Professor Devons. Ten lectures, Lent Term.

For M.Sc.—*International Economics*, III 3(iii) (Final Year).

Description of course.—National and international commercial policy. Development of G.A.T.T., U.N.C.T.A.D. International Commodity Schemes.

Preliminary reading.—G.A.T.T., *Report*, 1964; H. G. Johnson, *The World Economy at the Crossroads*.

56. **International Trade.** Dr. Makower. Fifteen lectures, Lent and Summer Terms.

For M.Sc.—*International Economics*, III 3(iii) (Final Year).

Description of course.—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. Vanek, *Trade Theory and Economic Policy*, Part 3; H. S. Ellis and L. A. Metzler (Eds.), *Readings in the Theory of International Trade*; *Essays in Honour of Gottfried Haberler*, Part I; H. Makower and G. Morton, A Contribution to the Theory of Customs Unions (*Economic Journal*, March, 1953); H. G. Johnson, *Money, Trade and Economic Growth*, chap. 3; K. Lancaster, The Heckscher-Ohlin Trade Model (*Economica*, Feb. 1957), 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); J. E. Meade, *A Geometry of International Trade*; M. C. Kemp, *International Trade* (for reference).

57. **Seminar on International Trade.** Professor Devons, Dr. Makower and Mr. Steuer will hold a weekly seminar for M.Sc.—*International Economics*, III 3(iii). Others will be admitted only by

permission of Professor Devons to whom application should be made in writing.

58. **Preliminary-Year International Economics Class.** Mr. J. Shaffer will hold a weekly class throughout the Session for M.Sc.—*International Economics*, III 3(iii) (Preliminary Year).

Labour Economics

59. **Labour Economics.** Professor Phelps Brown and Mr. Crossley. Twenty lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Labour Economics*, III 3 (iv); VII 2 (i) (Final Year) 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: 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. 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. Public policy and the labour market.

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; 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); National Bureau of Economic Research, *Aspects of Labour Economics*; B. F. Wootton, *The Social Foundations of Wage Policy*; L. G. Reynolds and C. Taft, *The Evolution of Wage Structure*; H. M. Douty, "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); O.E.C.D. *Wages and Labour Mobility*; Guy Routh, *Occupation and Pay in Great Britain, 1906-1960*; A. M. Ross (Ed.), *Employment Policy and the Labor Market*; "Investment in Human Beings" (*Journal of Political Economy*, Supplement, Oct., 1962); 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).

- 59(a). **Classes.** Twenty classes, Michaelmas and Lent Terms.

Monetary Economics

60. **Monetary Theory.** Mr. Griffiths. Ten lectures, Lent Term.

For M.Sc.—*Monetary Economics*, III 3(v) (Final Year).

Description of course.—Keynesian and classical monetary theories. The demand for money. The theory of financial intermediaries. Liquidity. The theory of asset prices and interest rate structures. Money and capital theory.

Students will be required to show knowledge of relevant empirical tests of the theories under evaluation.

Recommended reading will be provided during the course.

61. **Monetary Management.** Dr. Pressnell. Ten lectures, Lent Term.

For M.Sc.—*Monetary Economics*, III 3(v) (Final Year).

Description of course.—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*; 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 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*; J. C. R. Dow, *The Management of the British Economy, 1945-1960*; Report of the U.K. Committee on the Working of the Monetary System with Oral and Written Evidence (Radcliffe Report) (Cmd. 827, 1959); Bank for International Settlements, *Annual Reports*.

Annual Reports and periodical publications of central banks, e.g. those of the Bank of England, the Federal Reserve System, the Federal Reserve Bank of New York, the Bank of Canada, Reserve Bank of India and the Netherlands Bank.

Amongst periodical publications, reference should be made in particular to *The Banker* and the *Banca Nazionale del Lavoro Quarterly Review*.

62. **English Nineteenth-Century Monetary History.** Dr. Pressnell. Eight lectures, Michaelmas Term.

For M.Sc.—*Monetary Economics*, III 3(v) (Final Year).

Description of course.—An outline of the development of English monetary thought, policy and institutions from the Napoleonic Wars to the outbreak of the First World War.

63. **Seminar in Advanced Monetary Economics.** Professor Sayers and Professor Day will hold a seminar for M.Sc.—*Monetary Economics*, III 3(v) (Preliminary and Final Years). Others will be admitted only by permission of Professor Sayers or Professor Day to whom application should be made in writing.

64. **British Financial Institutions.** Professor Sayers. Four lectures of one-and-a-half hours each in the first four weeks of the Michaelmas Term.

For M.Sc.—*Monetary Economics*, III 3(v) (Preliminary Year) and other graduate students from overseas.

Description of course.—A brief explanation of the U.K. monetary system. There will be opportunity for questions and discussion at the end of each lecture.

Economics of Public Enterprise

In the Session 1966-67 no graduate courses will be provided for M.Sc.—*Economics of Public Enterprise*, III 3(vi).

Economics of Transport

In the Session 1966-67 no graduate courses will be provided for M.Sc.—*Economics of Transport*, III 3(vii).

Public Finance

65. **The Economics of Public Finance.** Dr. Breton and Dr. Byatt. Fifteen meetings, Lent and Summer Terms.

For M.Sc.—*Public Finance*, III 3(viii) (Final Year).

Description of course.—The course will cover the whole field of public expenditure and taxation both theoretically and in terms of recent empirical studies. On the institutional side, the U.K. will be the dominant interest, but students will be expected to become acquainted with the public sectors of the U.S. and the Common Market countries.

Recommended reading.—A. R. Prest, *Public Finance in Theory and Practice*; J. C. R. Dow, *The Management of the British Economy 1945-60*; R. A. Musgrave, *The Theory of Public Finance*.

Further reading will be provided as the course proceeds.

66. **Public Sector Economics.** Professor J. M. Buchanan (University of Virginia). Ten lectures, Summer Term.

For M.Sc.—*Public Finance*, III 3(viii) (Final Year); other graduate students.

Description of course.—Theory of the public sector. External economies and diseconomies. The public debt. Current problems in U.S. tax policy.

Economics of Industry

67. **Economics of Industry.** Professor Yamey. Twenty-five meetings, Sessional (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Economics of Industry*, III 3(ix) (Final Year).

Description of course.—

(i) Analysis of the structure of industries, and the relation between structure and performance: size-distribution of plants and firms; concentration; stability in market shares and ranks; vertical integration; specialisation and diversification; conditions of new entry; contraction and expansion of industries and changes in structure.

(ii) Public policy in relation to the structure of industries.

(iii) The economics of innovation in industry.

(iv) Pricing policies of manufacturers, including delivered price systems, tied sales, rebate schemes and resale price maintenance.

(v) Nationalised industries: investment policies and pricing policies.

Recommended reading will be given during the course.

Business Administration

In the Session 1966-67, no graduate courses will be provided for M.Sc.—*Business Administration*, III 3(x) (Final Year), but it is proposed to offer courses in 1967-68. Students intending to take the examination after two years may complete the preliminary year in 1966-67. The Economics Department will supply details of the work for the preliminary year on request.

Description of course.—The theory of the subject falls broadly into two parts: the study of decision problems, including the main quantitative techniques for their practical

solution, and the theory of organisations, including relevant work in economics, game theory, psychology and sociology. Students should also acquire a general knowledge of business organisations and their administration, and of the main types of problems confronting management.

Business Finance

In the Session 1966-67 no graduate courses will be provided for M.Sc.—*Business Finance*, III 3(xi).

Economics of Poor Countries and their Development

68. The Economics of Poor Countries and their Development. Professor Bauer and Professor Myint. Twenty lectures, Sessional (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Economics of Poor Countries and their Development*, II 3(iii), III 3(xii) (Final Year); Diploma in Development Administration; optional for Diploma in Social Administration, Overseas Option (Second and One-Year).

Description of course.—The relevance and limitations of economics. Characteristics of poor economies. Issues of concept and measurement. The vicious circle of poverty. Aspects of change. Varying degrees of integration between different markets and between different sectors of the economy. Balanced and unbalanced growth. International trade and development. Fiscal and monetary problems of development. Some specific issues of policy.

Recommended reading.—A. N. Agarwala and S. P. Singh (Eds.), *The Economics of Underdevelopment*; P. T. Bauer, *Economic Analysis and Policy in Underdeveloped Countries*; P. T. Bauer and B. S. Yamey, *The Economics of 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*; B. H. Higgins, *Economic Development*; A. O. Hirschman, *The Strategy of Economic Development*; B. F. Hoselitz (Ed.), *The Progress of Underdeveloped Areas*; W. A. Lewis, *The Theory of Economic Growth*; G. M. Meier, *Leading Issues in Economic Development*; G. M. Meier and R. E. Baldwin, *Economic Development*; H. Myint, *The Economics of Developing Countries*; A. R. Prest, *Public Finance in Underdeveloped Countries*; J. Viner, *International Trade and Economic Development*.

Further references will be given during the lectures.

69. Seminar on the Economics of Poor Countries. Professor Bauer and Professor Myint will hold a seminar throughout the session in conjunction with Course No. 68. Admission will normally be restricted to graduate students working in this field and will be by permission of Professor Bauer or Professor Myint, to whom application should be made in writing.

70. Economic Planning and Policy in Developing Countries. Mr. Joy and Dr. Mazumdar. Fifteen lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Economics of Poor Countries and their Development*, II 3(iii); III 3(xii) (Final Year); Diploma in Development Administration; Special Course for Overseas Administrators.

Description of course.—The course will examine some models of economic development and quantitative techniques in the light of policy and planning problems in underdeveloped countries.

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.

70(a). Classes. Fifteen classes.

71. Surplus Labour in Underdeveloped Countries. Mr. Gonen-say. Five lectures, Summer Term.

For M.Sc.—*Economics of Poor Countries and their Development*, II 3(iii); III 3(xii) (Final Year).

Description of course.—An analysis of the concept of surplus labour in underdeveloped countries. A survey and criticism of the literature on the subject. Consideration of the concept within a closely defined model of a rural household. The distinction between voluntary and involuntary underemployment, and a consideration of the validity of some empirical measurements of surplus labour which are based on the conventional concept, disguised unemployment.

Recommended reading.—As a background, students are required to be familiar with the conventional concept of surplus labour and disguised unemployment in underdeveloped countries as expounded by R. Nurkse, *Problems of Capital Formation in Underdeveloped Countries*; A. Lewis, *Economic Development with Unlimited Supplies of Labour*, *The Manchester School*, May, 1954; and P. N. Rosenstein Rodan, *Disguised Unemployment and Underemployment in Agriculture*, F.A.O., *Monthly Bulletin of Agricultural Economics and Statistics*, July-August, 1957. A detailed reading list will be provided at the beginning of the course.

Agricultural Economics

72. Agricultural Economics. Mr. Joy, Dr. Desai and Dr. Byatt. Twenty-five lectures, Sessional (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Agricultural Economics*, III 3(xiii) (Final Year).

Description of course.—Topics will fall under three broad heads: micro-economics, quantitative economics and policy analysis. Emphasis will be on the application of economic theory and quantitative methods to private and public decision problems. Class work will include an introduction to computation techniques.

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.

72(a). **Classes.** Twenty classes.

73. **Seminar on Aspects of Agricultural Policy in Developed and Underdeveloped Countries.** Mr. Joy. Lent and Summer Terms.

For M.Sc.—*Agricultural Economics*, III 3(xiii) (Final Year).

74. **Seminar on Economic Theory and Research Methods—Applications to Agriculture.** Mr. Joy. Sessional (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Agricultural Economics*, III 3(xiii) (Final Year).

75. **Development of Agriculture in Poor Countries.** Mr. Joy. Five lectures, Lent Term.

For M.Sc.—*Agricultural Economics*, III 3(xiii); *Economics of Poor Countries and their Development*, II 3(iii); III 3(xii) (Final Year).

Description of course.—A survey of the major problems and literature in this field.

Recommended reading.—An extensive reading list will be offered during the course. T. W. Schultz, *The Transformation of Traditional Agriculture* is recommended as an introduction to the issues considered in this course.

Economic Problems of the Communist World

76. **Soviet Economic Structure.** Professor Wiles and Dr. Zauberman. Thirty lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Economic Problems of the Communist World*, III 3(xiv) (Final Year). Also suitable for undergraduates.

Description of course.—The changing institutional framework and mechanisms of the economy, 1917–64: their intellectual origins; the actual performance of the economy.

Recommended reading.—A. Nove, *The Soviet Economy*, 2nd edn., and the bibliography there given. Further reading will be recommended during the course.

77. **Soviet-Type Planning Instruments and Techniques.** Dr. Zauberman. Twelve lectures, Michaelmas and Lent Terms (beginning in the eighth week of the Michaelmas Term).

For M.Sc.—*Economic Problems of the Communist World*, III 3(xiv) (Final Year). Also suitable for undergraduates.

Description of course.—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); A. Bergson, *The Economics of Soviet Planning*; E.C.E., U.N., *Input-Output: National Tables and International Recommendation for Development and Standardization* (*Economic Bulletin for Europe*, No. 1, 1960, Vol. 16, No. 2); U.N., *Economic Planning in Europe*; U.N., *Studies in Long-Term Economic Projections for the World Economy*; L. V. Kantorovich, *The Best Use of Economic Resources*; V. S. Nemchinov (Ed.), *The Use of Mathematics in Economics*; Bettcher-Thalheim (Eds.), *Planungsprobleme im Sowjetischen Wirtschaftssystem* (Berlin, 1964); Rationalité et Calcul Economiques en URSS (*Cahiers de L'ISEA*, Feb., 1964); A. Zauberman, On the Objective Function for the Soviet Economy (*Economica*, Aug., 1965).

List of recommended works in Russian will be given during the course.

Economic Aspects of Accounting

The courses for M.Sc.—*Economic Aspects of Accounting*, III 3(xv) are listed in the section on Accounting and Finance.

Description of courses.—The central theme will be the measurement of value income and cost. Problems will be selected for study that bear upon such questions as: capital budgeting, price and output levels, financial structure, investment in securities; and upon the rationale of accounting measurement in such contexts as the taxation of capital and income, distributions by companies, control of monopoly, pricing in state industries.

(B) M.Sc. IN ECONOMETRICS

Quantitative Economics

78. **Seminar in Quantitative Economics.** Professor Sargan, Professor Phillips and others. Two hours weekly throughout the Session.

For M.Sc.—*Quantitative Economics*, IV 1.

Description of course.—Papers will cover recent applied econometric work, the econometric models and methodology used.

Recommended reading.—S. J. Prais and E. S. Houthakker, *Analysis of Family Budgets*; M. Friedman, *The Consumption Function*; C. Christ, *Measurement in Economics*; R. Stone, *A Programme for Growth*, Vols. 1-5; N.B.E.R., *Models of Income Determination*; J. S. Duesenberry, G. Fromm, L. R. Klein, E. Kuh, *The Brookings-S.S.R.C. Quarterly Econometric Model of the U.S. Economy*.

Advanced Economic Analysis

79. Advanced Economic Analysis. Dr. Ozga and others. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Advanced Economic Analysis*, IV 2 (i).

Description of course.—Non-negative matrices, stability and existence of equilibrium, growth models.

Recommended reading will be given during the course.

80. Seminar in Mathematical Economics. Dr. Morton and others will hold a fortnightly seminar of two hours throughout the session for M.Sc.—*Advanced Economic Analysis*, IV 2(i). Others will be admitted only by permission of Dr. Morton.

81. Theory of Games. (This course will not be given in the session 1966-67; it will be given in the session 1967-68.)

Econometric Theory

82. Econometric Methods. Professor Sargan. Twenty-five lectures, Sessional.

For M.Sc.—*Econometric Theory*, IV 2(ii); optional for XI 4(iv); XVIII 6; Diploma in Operational Research.

Description of course.—Least squares, Aitken generalised, with lagged endogenous variables, heteroskedastic and autoregressive errors. Two-stage and three-stage least squares. Limited and full information maximum likelihood estimates.

Recommended reading.—J. Johnston, *Econometric Methods*; A. S. Goldberger, *Econometric Theory*.

82(a). Classes. Twenty classes, Michaelmas and Lent Terms.

83. Seminar in Econometrics. Professor Sargan and Professor Phillips will hold a fortnightly seminar of two hours throughout the Session for M.Sc.—*Econometric Theory*, IV 2(ii). Others will be admitted only by permission of Professor Phillips or Professor Sargan.

84. Estimation and Regulation of Linear Systems. Professor Phillips. Twenty lectures, Lent Term.

For M.Sc.—*Econometric Theory*, IV 2(ii); optional for XI 4(iv); XVIII 6; Diploma in Operational Research.

Recommended reading.—P. Whittle, *Prediction and Regulation by Linear Least-Square Methods*; E. J. Hannan, *Time Series Analyses*; H. Theil, *Optimal Decision Rules for Government and Industry*; C. C. Holt, F. Modigliani, J. F. Muth and A. A. Simon, *Planning Production, Inventory and Work Force*.

(C) OTHER GRADUATE COURSES

85. Topics in Welfare Economics. Dr. Mishan. Six lectures, Summer Term.

86. Technical Change and the Aggregate Production Function. Mr. Gregory. Five lectures, Lent Term.

Description of course.—The course will survey various attempts to quantify the extent of economies of scale and technical change as contributors to economic growth. Time series analysis; production functions, neutral technical change, the residual method of quantifying technical change, vintage capital models. Cross section analysis; simultaneous equation models.

Recommended reading.—G. H. Hildebrand and T. Liu, *Manufacturing Production Functions in the United States*; E. H. Phelps Brown, *The Meaning of the Fitted Cobb-Douglas Production Function*, *Q.J.E.*, 1957; R. M. Solow, *Technological Change and the Aggregate Production Function*, *R. Ec. & Stats.*, 1957; R. M. Solow, *Technical Progress, Capital Formation and Economic Growth*, *A.E.R.*, 1962.

Further references will be given during the course.

87. Problems in Industrial Administration. 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.

88. Labour Problems. Professor Phelps Brown and Professor Roberts 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 or Professor Roberts.

89. Public-Sector Economics. Dr. Breton and Dr. Byatt will hold a seminar weekly throughout the session for graduate students. Also suitable for M.Sc.—*Public Finance*, III 3(viii) (Final Year). Admission will be by permission.

90. The Economics of Education. Professor Moser 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 Moser or Dr. Blaug.

91. **Monetary Economics: Theory and Testing.** Professor H. Johnson and Mr. Alford. This seminar is for graduate students working for the M.Phil. and Ph.D. degrees. It will cover general monetary theory, and theory and testing in relation to: (a) the U.K. monetary system, (b) the U.S. monetary system, and (c) the international monetary system. Application for admission should be made in writing to Mr. Alford in the first week of the Michaelmas Term.
92. **Statistical Testing in Monetary Economics.** Occasional seminars will be held during the session. They will be restricted to post-M.Sc. students working in this field. Those wishing to attend should make written application to Mr. Alford.
93. **Economic Problems of the Communist World.** Professor Wiles and Dr. Zauberman will hold a weekly seminar throughout the session. Also suitable for M.Sc.—*Economic Problems of the Communist World*, III 3(xiv). Admission will be by permission of Professor Wiles or Dr. Zauberman.
94. **Simulation.** Professor G. P. E. Clarkson (Carnegie Institute of Technology). Ten lectures.
95. **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.
96. **Economic Problems 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 attendance is by permission of Dr. Walker to whom application should be made in writing.
97. **Comparative Economic Systems: India and China.** Dr. Walker and Mr. Byres will hold a seminar at the School of Oriental and African Studies, fortnightly throughout the session on a comparison of the economic systems of India and China. Attendance is by permission of Dr. Walker or Mr. Byres, to whom application should be made in writing.

III. ADDITIONAL COURSES FOR UNDERGRADUATES AND GRADUATES

98. **The British Economy since 1945.** Professor Day. Ten lectures.
Description of course.—An introduction to post-war British economic problems and policies.
99. **The Economics of Futures Trading.** Professor Yamey. Five lectures, Lent or Summer Term.
Description of course.—Characteristics of futures contracts and futures markets. Inter-temporal price differences, risk premia and hedging. Speculation and price movements.
100. **Theory of Economic Policy.** Mr. Klappholz. Five lectures.
Description of course.—This will consist mainly of a discussion of those "aims of economic policy" usually left out of consideration in welfare economics, and will also consider some methodological problems connected with the notion of the "public interest".
101. **Selected Topics in Value Theory.** Dr. Makower. Five lectures. Suitable for third-year undergraduates and graduates.
102. **Introduction to Linear Programming.** Dr. Makower. Five lectures. Suitable for first-year undergraduates and others.
103. **Marxist Economics.** Dr. Corry. Five lectures.
104. **Macro-Distribution Theory.** Dr. Corry. Five lectures.
105. **Some Problems of Optimal Resource Allocation.** Mr. Turvey. Five lectures.
Description of course.—These five lectures are exercises in applied welfare economics, treating various topics of public policy such as public enterprise pricing policy, criteria for public investment, and the appropriate treatment of external economies and diseconomies. The lectures will be for third-year undergraduates and for graduate students and will assume some elementary knowledge of welfare theory (at a level represented, for example, by chap. 16 of the second edition of W. J. Baumol's *Economic Theory and Operations Analysis*).

ACCOUNTING AND FINANCE

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133. Accounting I. Professor Edey. Nine lectures and nine classes (two hours per week), Michaelmas Term.

For B.Sc. (Econ.) Part II—*Accounting and Finance*, V 7 and 8; *Economic Statistics and Business Accounts*, V 3; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; *Management Data Processing*, XI 5, 6 and 7a; *Business Finance*, IV 6, 7 and 8g (Second Year).

Syllabus.—The balance sheet and the income account. Assets and finance. Flow of funds statements. Introduction to budgetary planning and control and cost control.

Recommended reading.—H. C. Edey, *Business Budgets and Accounts*; *Introduction to Accounting*. Reference may also be made to W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*.

134. Accounting IIa. Professor Edey. Eleven lectures and sixteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Accounting and Finance*, V 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; *Business Finance*, IV 6, 7 and 8g (Second Year); IV 8c (Third Year).

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

Syllabus.—Company reports and finance: valuation concepts in accounts prepared for legal purposes and their economic significance; capital structure and changes therein; consolidated accounts; problems of changing price levels; the treatment of tax in company accounts. Introduction to problems of investment, financing and valuation. 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*; J. T. S. Porterfield, *Investment Decisions and Capital Costs*. Reference may be made to *The Companies Act, 1948*; *Report of the Company Law Committee* (Cmd. 1749, 1962); H.M.S.O. 1960-62, *Minutes of Evidence taken before the Company Law Committee*; U.S. Government, *Reports of the Securities and Exchange Commissions*; and for compound interest, D. W. A. Donald, *Compound Interest and Annuities Certain*; W. Lundie, *Elementary Theory of Finance*.

135. Accounting IIb: Data Processing. Mr. Flower. Twenty lectures with classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (Second Year)—*Accounting and Finance*, V 7 and 8; *Economic Statistics and Business Accounts*, V 3.

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

Syllabus.—Data processing and accounting systems. 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.** Mr. Carsberg. 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 and Finance*, V 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 8a; XI 6 and 7a.

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.

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 others. Twenty lectures with classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (Third Year)—*Accounting and Finance*, 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.

For B.Sc. (Econ.) Part II (Third Year)—*Accounting and Finance*, V 7 and 8, and others interested.

- 139. Company Management.** Six classes will be held by Mr. Carsberg in the Michaelmas and Lent Terms.

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

- 140. Economic Problems.** Classes will be held for third-year students taking the special subject of Accounting and Finance for B.Sc. (Econ.) Part II.

- 141. Accounting and Economic Theory (Seminar).** A series of weekly meetings and two week-end discussion courses will be held by Professor Baxter, Mr. Gould, Mr. Flower and Mr. Carsberg 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 and Finance.

- 142. Accounting for Non-Specialists (Revision).** Lecturer to be announced. 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. Selected Topics in Costing, Valuation and Income Measurement.** Professor Edey and others. Ten meetings, Lent Term.

For M.Sc.—*Economic Aspects of Accounting*, I 1 and 2; III 3(xv). Admission will be by permission of Professor Edey.

- 145. Capital Budgeting.** Mr. Carsberg. Ten meetings, Lent Term.

For M.Sc.—*Economic Aspects of Accounting*, I 1 and 2; III 3(xv).

- 146. Economics of Industry.** Professor Yamey. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economics of Industry*, I 3.

- 147. Accounting Systems and Data Processing.** Mr. Flower. Fifteen lectures and classes, Michaelmas and Lent Terms.

For M.Sc.—Accounting and Finance.

- 148. Introduction to Accounting for Non-Specialists.** Professor Edey and Mr. Carsberg. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economic Aspects of Accounting*, III 3(xv) (Michaelmas Term only); *Management Accounting*, XI 4(ii); Diploma in Operational Research; graduate Diploma in Business Studies; Diploma in Personnel Management (Michaelmas Term only).

- 149. Electronic Computers.** Mr. Flower. Six lectures, Summer Term.

For graduate Diploma in Business Studies.

BUSINESS STUDIES

BUSINESS STUDIES

171. One-Year Graduate Course for Diploma in Business Studies.

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. 87.
- (b) **Business Administration: the Organisation of Business Enterprises and Problems of Business Policy.** Mr. Foldes and Mr. Gould. (This course will not be given in the session 1966-67.)
- (c) **Industry and Trade.** Professor Yamey and Mr. Townsend. Sessional.
- (d) **An Introduction to the Capital Market.** Mr. Alford. Lent Term.
- (e) **Introduction to Accounting for Non-Specialists.** Professor Edey and Mr. Carsberg. See Course No. 148.
- (f) **Electronic Computers.** Mr. Flower. See Course No. 149.
- (g) **Economic Principles.** See Course No. 14 (ii).
- (h) **Social Aspects of Management.** Miss Seear, Mr. Holmes and Mr. Thurley. Sessional.
- (i) **Industrial Relations.** Professor Roberts. Michaelmas and Lent Terms.
- (j) **Labour: Organisation and Relations.** Professor Phelps Brown. See Course No. 23.
- (k) **Law Relating to Business.** Professor Wheatcroft and others. During the Michaelmas Term students will attend Course No. 418; during the Lent Term special lectures will be arranged.
- (l) **Elementary Statistical Methods.** Miss Gales and Dr. Maunder. See Course No. 915.
- (m) **Introduction to Management Mathematics.** Professor Foster. See Course No. 959.

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

GEOGRAPHY

GEOGRAPHY

Courses are given in the Joint School of Geography at King's College, London, and at the London School of Economics. Academic arrangements are integrated and, in most courses, students are taught in common by teachers of both colleges. However, the introduction of separate college syllabuses for the B.Sc. (New Regulations) has meant the introduction of separate teaching provision for part of this degree and has involved some re-arrangement of courses for other degrees. All students should take care to identify the courses needed to complete their specific degree requirements.

Courses for B.Sc. (Econ.) Part I

185. Introduction to Geography. Professor Wise. Twenty-five lectures, Sessional. (This course will be given only in the day in the session 1966-67.)

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*; W. A. Gauld, *Man, Nature and Time*; 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*; R. J. Chorley and P. Haggett (Eds.), *Frontiers in Geographical Teaching*; J. I. Clarke, *Population Geography*.

185 (A). Geography Class. Professor Wise, Dr. Odell, Dr. Board, Dr. Hamilton and Mr. Ellenby. Fortnightly throughout the session.

Courses for B.A. (Honours), B.Sc. (Special), B.Sc. (New Regulations) and B.Sc. (Econ.) Part II

Note: Students reading for B.A. (Honours), B.Sc. (Special) and B.Sc. (New Regulations) are required to attend three field classes, one in each year of their course. Students reading Geography as a special subject in Part II of the B.Sc. (Econ.) are required to attend two field classes, one in the second and one in the third year of their course. The field classes are normally of one week's duration and are customarily arranged during the Easter vacation.

186. Physical Basis of Geography.

Compulsory for B.A. (Honours) and B.Sc. (New Regulations) in Geography (First Year. Only sections I and II required for B.Sc. (Econ.) Part II—*Physical Geography*, XV 4 (Second Year).

I. Landforms. Dr. Clayton and Mr. Thornes. Twenty-five lectures, Sessional.

Syllabus.—The nature and effects of tectonic and erosional processes in the evolution of landscape. A treatment of selected aspects of the physical geography of Britain.

Recommended reading.—A. Holmes, *Principles of Physical Geology*; B. W. Sparks, *Geomorphology*; W. D. Thornbury, *Principles of Geomorphology*; C. A. M. King, *Beaches and Coasts*; C. A. M. King, *Techniques in Geomorphology*.

II. Meteorology and Climatology. Dr. Jackson. Twenty lectures, Sessional.

Syllabus.—Elementary and descriptive meteorology. An introduction to the principles of physical and dynamic climatology. The elements of micro-climatology.

Recommended reading.—G. T. Trewartha, *An Introduction to Climate*; H. R. Byers, *General Meteorology*; G. T. Trewartha, *The Earth's Problem Climates*; S. Pettersen, *Introduction to Meteorology*; H.M.S.O., *A Course in Elementary Meteorology*; H. C. Willett and F. Sanders, *Descriptive Meteorology*.

III. Biogeography. Miss A. Coleman. Twenty-five lectures, Sessional.

Syllabus.—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.

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*.

187. Economic Geography—I. Professor Buchanan, Dr. J. E. Martin and Dr. Odell. Twenty-five lectures, Sessional. (This course will be given in the day and in the evening in the session 1966-67.)

For B.Sc. (Econ.) Part II—*Economic Geography*, I 3g; III 3c; XIV 3f; XV 5; B.A. (Honours) and B.Sc. (Special) in Geography—*Economic Geography*, 7 and 8 (v) Paper I (Second Year).

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.

Recommended reading.—E. W. Zimmermann, *World Resources and Industries*; M. Chisholm, *Geography and Economics*; 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*; H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography*.

187(A). Economic Geography—I (Class). A special class will be arranged for students of Economics and History taking Economic Geography as one paper in the final examination.

For B.Sc. (Econ.) Part II—*Economic Geography*, I 3g; III 3c; XIV 3f (Second Year).

188. 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 only in the day in the session 1966-67.)

For B.Sc. (Econ.) Part II—*Economic Geography*, I 3g; III 3c; XIV 3f; XV 5; B.A. (Honours) and B.Sc. (Special) in Geography—*Economic Geography*, 7 and 8 (v) Paper II, (Third Year).

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*; P. Haggett, *Locational Analysis in Human 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; The Transport Needs of Great Britain in the next Twenty Years* (Hall Report), H.M.S.O., 1963; British Railways Board, *The Reshaping of British Railways* (Beeching Report); British Railways Board, *The Development of the Major Railway Trunk Routes*, 1965; 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*.

188(A). Economic Geography Class. Professor Buchanan and others. Twenty classes, Michaelmas and Lent Terms.

For B.A. (Honours) and B.Sc. (Special) in Geography—*Economic Geography*, 7 and 8 (v) (Second and Third Years).

189. Economic Geography—III. An intercollegiate course to be given at Birkbeck College.

For B.A. (Honours) and B.Sc. (Special) in Geography—*Economic Geography*, 7 and 8 (v) (Second and Third Years).

190. Human Geography—I. Professor Jones. Twenty-five lectures, Sessional. (This course will be given only in the day in the session 1966-67.)

For B.Sc. (Econ.) Part II—special subject Geography; *Historical Geography*, VI 8i; VII 7 and 8k; XIV 3e (Second Year); B.A. (Honours) and B.Sc. (New Regulations) (First Year).

Syllabus.—An introduction to the field of human geography. The facts and concepts of the geography of society. 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*; A. M. Carr-Saunders, *Population*; C. D. Forde, *Habitat, Economy and Society*; 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*.

191. Human Geography—II. Dr. Lambert, Dr. Yates and Miss Henshall. Twenty-five lectures, Sessional.

Compulsory for B.A. (Honours) and B.Sc. (New Regulations) in Geography (First Year). To be taken in conjunction with Course No. 190.

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, *The Middle Ages*; H. Pirenne, *Mohammed and Charlemagne and Economic and Social History of Mediaeval Europe*; P. Boissonade, *Life and Work in Mediaeval Europe*.

192. Cartography and Map Analysis. Dr. Board and Dr. Jackson. Twenty lectures, Michaelmas and Lent Terms.

Compulsory for B.A. (Honours) and B.Sc. (New Regulations) first-year students registered (in the Joint School of Geography) at the London School of Economics. For B.Sc. (Econ.) Part II—*Physical Geography*, XV 4 (Second Year), Michaelmas Term only.

Syllabus.—(i) Map design and utilisation; maps as means of communication and as tools for research.

(ii) An introduction to geographical statistics; aids to calculation; the diagrammatic presentation of statistical material.

Recommended reading.—A. H. Robinson, *Elements of Cartography* (2nd edn.); F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; S. Gregory, *Statistical Methods and the Geographer*; D. Huff, *How to Lie with Statistics*; M. J. Moroney, *Facts from Figures*; W. J. Reichmann, *Use and Abuse of Statistics*.

192(A). Cartography and Map Analysis (Practical). Dr. Board, Mr. Ellenby and Mr. Thornes. Twenty-five classes, Sessional. To be taken in conjunction with course No. 192 by all first-year students registered (in the Joint School of Geography) at the London School of Economics for B.A. (Honours) and B.Sc. (New Regulations).

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

192(B). Practical Mapwork. Dr. Jackson and others. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*Physical Geography*, XV 4 (Second Year). See also course No. 192, to be taken in the Michaelmas Term.

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*.

193. Elements of Cartography (Map Projections and Surveying). Professor Pugh and Mr. Lawrence. Twenty-five lectures, Sessional, with field work in the third term.

Compulsory for first-year students registered (in the Joint School of Geography) at King's College.

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.

193(A). Elements of Cartography and Map Interpretation (Practical). Mr. Lawrence and Mrs. Momsen. Twenty-five classes, Sessional.

Compulsory for first-year students registered (in the Joint School of Geography) at King's College. See also course No. 193.

194. Advanced Regional Geography—British Isles. Professor Wise, Dr. Embleton and Mr. Ellenby. Forty lectures, Michaelmas and Lent Terms.

For B.A. (Honours); B.Sc. (Special); B.Sc. (New Regulations) (Second Year). Appropriate sections only for B.Sc. (Econ.) Part II—*The British Isles*, XV 6 (Second Year).

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*; E. S. Simpson, *Coal and the Power Industries in Post-War Britain*; J. J. Coppock and H. Prince (Eds.), *Greater London*; K. M. Clayton (Ed.), *Guide to London Excursions*.

194(A). Advanced Regional Geography—British Isles (Practical). Twenty-five classes, Sessional. Professor Wise and others.

Compulsory for B.A. (Honours) and B.Sc. (Special) second-year students registered (in the Joint School of Geography) at the London School of Economics. Students registered at King's College will attend the second-year course in Cartography and Map Interpretation given at King's College.

195. An Introduction to the Geography of Europe. Professor Harrison Church, Mr. Lawrence and Dr. Hamilton. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Europe*, XV 7 (Second Year). See also course No. 196 (b) and (c).

Syllabus.—This course forms an introduction to a full course on Western and Central 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*.

196. Advanced Regional Geography—Europe (excluding the U.S.S.R.).

B.A. (Honours) and B.Sc. (Special) second or third-year students are required to take two of the following optional courses. Options (b) and (c) are for B.Sc. (Econ.) Part II—*Europe*, XV 7 (Third Year).

(a) Europe (excluding the U.S.S.R.).—General Regional Geography. Miss Coleman. Michaelmas Term.

Recommended reading.—G. W. Hoffman (Ed.), *A Geography of Europe*; M. R. Shackleton, *Europe*; F. J. Monkhouse, *A Regional Geography of Western Europe*.

(b) 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*.

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

(d) West Mediterranean (Spain, Portugal, Italy, Mediterranean France). Mr. Sinclair. Lent Term (This course will not be given in the session 1966–67).

Recommended reading.—J. M. Houston, *The Western Mediterranean World*; J. P. Cole, *Italy*; W. B. Fisher and H. Bowen-Jones, *Spain: a Geographical Background*.

(e) Northern Europe (Denmark, Norway, Sweden, Finland, Iceland). Mr. Sinclair. Michaelmas and Lent Terms.

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*.

(f) East Central Europe (East Germany, Poland, Czechoslovakia, Hungary, Rumania, Yugoslavia). Dr. Hamilton. Fifteen lectures, Michaelmas and Lent Terms.

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*.

197. Advanced Regional Geography: North America. Dr. Estall and Dr. K. R. Sealy. Forty lectures, Michaelmas and Lent Terms. (This course will be given only in the day in the session 1966–67.)

For B.Sc. (Econ.) Part II—*North America*, XV 8d (i); B.A. (Honours) and B.Sc. (Special) (Third Year).

Syllabus.—A study of physical environment, natural resources and economic factors with emphasis on inter-relations in regional geography.

Recommended reading.—J. Wreford Watson, *North America: Its Countries and Regions*; W. R. Mead and E. H. Brown, *The United States and Canada*; J. H. Patterson, *North America*; W. D. Thornbury, *Regional Geomorphology of the United States*; R. C. Estall, *New England: A Study in Industrial Adjustment*; C. L. White and E. J. Foscoe, *Regional Geography of Anglo-America*; E. Higbee, *American Agriculture*; L. Haystead and G. C. Fite, *The Agricultural Regions of the United States*; C. M. Green, *The Rise of Urban America*; R. E. Murphy, *The American City*; D. F. Putnam (Ed.), *Canadian Regions*.

198. Advanced Regional Geography: Monsoon Asia. Mr. Rawson. Twenty-five lectures, Sessional. (This course will be given in the day and in the evening in the session 1966–67.)

For B.Sc. (Econ.) Part II—*Monsoon Asia*, XV 8d (ii); B.A. (Honours) and B.Sc. (Special) (Third Year).

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.

199. Advanced Regional Geography: Africa. Professor Harrison Church, Professor Pugh and Dr. Board. Sessional. (This course will be given only in the day in the session 1966–67.)

For B.Sc. (Econ.) Part II—*Africa*, XV 8d (iii); B.A. (Honours) and B.Sc. (Special) (Third Year).

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

200. Advanced Regional Geography: Latin America. Dr. Odell and Mrs. Momsen. Sessional. (This course will be given in the day only in the session 1966–67.)

For B.Sc. (Econ.) Part II—*Latin America*, XV 8d (iv); B.A. (Honours) and B.Sc. (Special) (Third Year). Also for candidates taking the Geography paper for the M.A. in Latin American Studies.

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*; J. P. Cole, *An Economic and Social Geography of Latin America*.

- 201. Advanced Regional Geography: the U.S.S.R.** Dr. Hamilton. Sessional. (This course will not be given in the session 1966-67.)

For B.Sc. (Econ.) Part II—U.S.S.R., XV 8d (v); B.A. (Honours) and B.Sc. (Special) (Third Year).

Recommended reading.—J. P. Cole and F. C. German, *A Geography of the U.S.S.R.*; R. H. Mellor, *The Geography of the U.S.S.R.*; Yu. G. Saushkin, *An Economic Geography of the Soviet Union*; S. Balzak, F. Vasyutin and Ya. Feigin, *Economic Geography of the U.S.S.R.*; W. G. East, *The Soviet Union*; M. R. Shackleton, *Europe: A Regional Geography* (7th edn., Ed. W. G. East).

- 202. Advanced Regional Geography: Australia and New Zealand.** Dr. Morley and Dr. Brunsdon. Twenty-five lectures and tutorials, Sessional.

For B.A. (Honours) and B.Sc. (Special) (Third Year).

Syllabus.—The study of two developing countries: their evolution and prospects set in the context of limitations in the physical, economic and social environment.

Recommended reading.—J. B. Condliffe, *The Development of Australia*; N. S. Noble (Ed.), *The Australian Environment*; K. W. Robinson, *Australia, New Zealand and the South Pacific*; Griffith Taylor, *Australia*; S. M. Wadham and G. L. Wood, *Land Utilisation in Australia*; A. Hunter (Ed.), *The Economics of Australian Industry*; A. H. Clark, *The Invasion of New Zealand by People, Plants and Animals*; B. J. Garnier, *The Climate of New Zealand*; W. H. Oliver, *The Story of New Zealand*; K. Sinclair, *Distance Looks our Way: The Effect of Remoteness on New Zealand*; K. B. Cumberland and J. W. Fox, *New Zealand: A Regional View*.

- 203. Regional Geomorphology.** Dr. Clayton, Dr. Embleton and others. Thirty lectures beginning in the Lent Term for second-year students and continuing in the Michaelmas Term for third-year students.

For B.A. (Honours) and B.Sc. (Special)—*Geomorphology*, 7 or 8 (ii).

Syllabus.—The general principles of geomorphology with reference to the landforms and denudation chronology of the British Isles and other selected regions.

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*.

- 203(A). Geomorphology—Discussion Class.** Dr. Clayton and Dr. Embleton. Ten meetings, Lent Term.

For B.A. (Honours) and B.Sc. (Special)—*Geomorphology*, 7 or 8 (ii) (Second and Third Years).

- 204. Systematic Geomorphology.** Dr. Clayton and others. Fifteen lectures, Michaelmas and Lent Terms.

For B.A. (Honours) and B.Sc. (Special)—*Geomorphology*, 7 (ii) (Second Year).

- 205. Geomorphology.** An intercollegiate course to be given at Birkbeck College. Twenty lectures, Michaelmas and Lent Terms.

For B.A. (Honours) and B.Sc. (Special)—*Geomorphology*, 7 or 8 (ii) (Second and Third Years).

- 206. Meteorology and Climatology—I.** Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at University College.

For B.A. (Honours) and B.Sc. (Special)—*Meteorology and Climatology*, 7 (iii) Paper I (Second Year).

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*.

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

For B.A. (Honours) and B.Sc. (Special)—*Meteorology and Climatology*, 8 (iii) Paper II (Third Year).

- 208. Plant Geography—I.** Dr. Yates, Dr. Rose and Mrs. Whatley. An intercollegiate course to be given at King's College.

For B.A. (Honours) and B.Sc. (Special)—*Plant Geography*, 7 (iv) Paper I (Second Year).

- 209. Plant Geography—II.** Dr. Yates, Dr. Rose and Mrs. Whatley. An intercollegiate course to be given at King's College.

For B.A. (Honours) and B.Sc. (Special)—*Plant Geography*, 8 (iv), Paper II (Third Year).

Note: Attendance at a field class in Plant Geography is a compulsory part of the course.

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

For B.Sc. (Econ.) Part II—*Historical Geography*, VI 8i; VII 7 and 8k; XIV 3e; XV 8b; B.A. (Honours) and B.Sc. (Special) 7 (vi) Paper I (Second Year).

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*.

- 210(A). Historical Geography Class.** Dr. Lambert. Fifteen classes, Michaelmas and Lent Terms.

- 211. Historical Geography—II: Western and Central Europe.** Dr. Lambert. Sessional.

For B.A. (Honours) and B.Sc. (Special)—*Historical Geography, Western and Central Europe*, 8 (vi) Paper II (Third Year).

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*.

212. History of Geographical Science and Discovery—I. An intercollegiate course to be given at Birkbeck College.

For B.A. (Honours) and B.Sc. (Special)—*History of Geographical Science and Discovery*, 7 (vii), Paper I (Second Year).

Syllabus.—The development of geographical concepts and methods since A.D. 1300 with special emphasis on the inter-relation between ideas and discoveries.

213. History of Geographical Science and Discovery—II (Polar Exploration). Dr. Jackson and others. An intercollegiate course to be given at the London School of Economics.

For B.A. (Honours) and B.Sc. (Special)—*History of Geographical Science and Discovery*, 8 (vii), Paper II (c) (Third Year).

Syllabus.—A study of Polar Exploration, with reference to original sources.

Note: Teaching for other options in Paper II will be provided at Birkbeck College.

214. Applied Geography. Dr. Hall and Dr. Estall. Sessional. An intercollegiate course.

For B.A. (Honours) and B.Sc. (Special)—*Applied Geography* 8 (x) (Third Year).

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*; P. J. O. Self, *Cities in Flood*; J. B. Cullingworth, *Housing Needs and Planning Policy*; *Town and Country Planning in England and Wales*; R. H. Best and J. T. Coppock, *The Changing Use of Land in Britain*; P. Haggett, *Locational Analysis in Human Geography*; R. E. Dickinson, *City and Region*; *The South East Study*; *The National Plan* (Chap. 8); T. E. H. Williams (Ed.), *Urban Survival and Traffic*; *A New Town in Mid-Wales*; D. Senior (Ed.), *The Regional City*; P. G. Hall, *The World Cities*; Institution of Civil Engineers, *Proceedings of Highway Engineering Conference*; S. Chapin, *Urban Land Use Planning*; P. M. Hauser and L. F. Schnore, *The Study of Urbanisation*; J. R. Meyer, J. F. Kain and M. Wohl, *The Urban Transportation Problem*; W. Owen, *The Metropolitan Transportation Problem*; E. M. Hoover and R. Vernon, *Anatomy of a Metropolis*.

215. Social Geography. Professor Jones. Sessional.

For B.Sc. (Econ.) Part II—*Social Geography*, XV 8c (Third Year).

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*.

216. The Geography of Urban and Rural Settlement. Dr. Morley and Mrs. Momsen. Twenty lectures and classes, Michaelmas and Lent Terms.

For B.A. (Honours) and B.Sc. (Special), Option 8 (ix) (Third Year).

Syllabus.—A theoretical approach to settlement studies. The conceptual bases for theories of urban and rural settlement. The analysis of models of settlement growth, form and function.

Recommended reading.—B. J. L. Berry and A. Pred, *Central Place Studies; A Bibliography of Theory and Application* (1965 edn.); P. Haggett, *Locational Analysis in Human Geography*; R. J. Chorley and P. Haggett (Eds.), *Models in Geography*.

217. Geography of Settlement—I. Professor Jones and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.

For B.A. (Honours) and B.Sc. (Special)—*Geography of Settlement*, 7 (ix) Paper I (Second Year).

218. Geography of Settlement—II. Professor Jones and others. Sessional. An intercollegiate course to be given at Birkbeck College.

For B.A. (Honours) and B.Sc. (Special)—*Geography of Settlement*, 8 (ix) Paper II (Third Year).

219. Transport Geography Class. Dr. K. R. Sealy. Michaelmas and Lent Terms. (This class will be given in the day only.)

For B.Sc. (Econ.) Part II—*Economics and History of Transport*, XV 8c (Third Year).

220. Political Geography—I. Professor Harrison Church. Sessional.

For B.Sc. (Econ.) Part II—*Political Geography*, XV 8a; B.A. (Honours) and B.Sc. (Special)—*Political Geography*, 7 (viii) Paper I (Second Year).

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.

221. Political Geography—II. Professor Harrison Church and others. Twenty-five lectures, Sessional.

For B.A. (Honours) and B.Sc. (Special)—*Political Geography*, 8 (viii) Paper II (Third Year).

222. Mathematical Geography and Surveying—I. An intercollegiate course.

For B.A. (Honours) and B.Sc. (Special)—*Mathematical Geography and Surveying*, 7 (i) (Second Year).

223. **Mathematical Geography and Surveying—II.** Fifty lectures. An intercollegiate course.

Only for B.A. (Honours) and B.Sc. (Special)—*Mathematical Geography and Surveying*, 8 (i) (Two-Paper Option) (Third Year).

224. **Geography Seminar.** Professor Wise and Mr. Sinclair. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—special subject Geography (Third Year). Discussion on special areas and topics.

225. **Geography Seminar.** Professor Jones and Professor Pugh. Sessional.

For B.A. (Honours) and B.Sc. (Special) (Third Year).

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 186 (or parallel broad-based course), 193, 193 (A).

Second Year: Courses 194, 194 (A).

Third Year: Course 196.

Courses for B.Sc. General (Part I)

First Year: Courses 186 (or parallel broad-based course), 193, 193 (A).

Courses for B.Sc. General (Part II)

Second Year: Courses 194, 194 (A).

Third Year: Courses 196 and one of 204, 206, 208, 214, 221.

For Graduate Students

226. **Geographical Thought and Practice.** Dr. Board, Dr. Hall 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.

Note: Courses 227 to 232 are intended primarily for students reading Geography for the M.Sc. in the Faculty of Economics. All M.Sc. students should consult their advisers in selecting courses which meet the specific requirements of their degree syllabus.

227. **Geography of Agriculture.** Mr. Sinclair and Dr. Board.

228. **Geography of Industry.** Dr. J. E. Martin.

229. **Transport Studies.** Dr. K. R. Sealy.

230. **Urban Geography.** Professor Jones.

231. **Geography of Energy.** Dr. Odell.

Syllabus.—Studies of the changing spatial patterns of energy production and consumption. The role of energy in regional economic development.

232. **Regional Problems in the United States.** Dr. Estall.

233. **Regional Survey Problems (Seminar).** An evening seminar. Admission by permission of Professor Wise.

234. **Air Transport Problems (Seminar).** An evening seminar. Admission by permission of Dr. K. R. Sealy.

235. **Regional Problems in Latin America (Seminar).** An inter-departmental seminar. Dr. Odell (Geography) and others. Admission by permission.

236. **The Spatial Structure of the Latin American Economy.** Dr. Odell.

For M.Sc.—Geography and for students taking Geography as a major or minor subject in the M.A. in Latin American Studies; M.Sc.—*Economics of Poor Countries and their Development*, II (iii); III (xii).

Syllabus.—Systematic and regional aspects of the economic geography of Latin America. An introduction to the theory and methodology of regional analysis as applied to developing countries.

238. **Aerial Photography in Geographical Studies.** Mr. Rawson and Dr. K. R. Sealy. Admission by permission of Mr. Rawson.

239. **Geographical Aspects of Planning.** Dr. Hall.

Regional and Urban Planning Seminar for M.Sc.—Regional and Urban Planning Studies.

Reference should also be made to the following section and course:—

Course No. 95.—*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**

- D. BRUNSDEN, B.Sc., Ph.D.; Lecturer in Geography.
ALICE M. COLEMAN, M.A.; Reader in Geography.
C. EMBLETON, M.A., Ph.D. (Cantab.); Senior Lecturer in Geography.
G. R. P. LAWRENCE, M.Sc.; Lecturer in Geography.
JANET D. MOMSEN, M.A. (Oxon.), M.Sc. (McGill); Lecturer in Geography.
C. D. MORLEY, M.A. (Birmingham), Ph.D. (Australian National University); Lecturer in Geography.
J. C. PUGH, M.A. (Cantab.), Ph.D., A.R.I.C.S.; Professor of Geography.
F. ROSE, B.Sc., Ph.D.; Senior Lecturer in Biogeography.
JEAN WHATLEY, B.Sc. (Glasgow), M.Sc. (Calif.); Lecturer in Geography.
E. M. YATES, M.Sc., Ph.D.; Reader in Geography.

HISTORY

	Page
(a) Economic History	369
(b) International History	374
(c) General and Special Courses for B.A. Honours in History (and for B.A. Honours in Geography with History Subsidiary)	382

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 since 1850*; G. P. Jones and A. G. Poole, *A Hundred Years of Economic Development in Great Britain*; M. A. Jones, *American Immigration*; P. d'A. Jones, *The Consumer Society*; W. A. Lewis, *Economic Survey, 1919-1939*; The Royal Institute of International Affairs, *The Problem of International Investment*; C. C. Spence, *The Sinews of American Capitalism*.

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*; H. F. Williamson (Ed.), *The Growth of the American Economy*.

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*; R. T. Gill, *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, 1870-1939*; 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*; H. J. Habakkuk and M. Postan (Eds.), *The Cambridge Economic History of Europe*, Vol. VI, Pts. I & II; B. E. Supple (Ed.), *The Experience of Economic Growth*.

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).

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; M.Sc.—*The Sources and Historiography of the Economic History of England in the 17th Century*, V 1(ii).

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. Baines 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; M.Sc.—*The Sources and Historiography of Economic History in either Britain 1783-1850* V 1(iii) or *Britain 1900-1950*, V 1(iv).

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 and others. Twenty-six lectures, Sessional.

For B.Sc. (Econ.) Part II—special subject of Modern Economic History (Second Year); M.Sc.—*The Sources and Historiography of Economic History in Britain, 1783-1850*, VI(iii).

Syllabus.—The growth of population and its occupational distribution; the major social groups in British Society.

The political structure; the growth of education and of the social services; the Irish question; 19th century imperialism.

The press; the growth of science; religions in nineteenth-century England; some of the major schools of political and social thought.

267. Industrial History. Dr. Coleman. Ten lectures, Lent Term. (This course will not be given in the session 1966-67.)

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. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783*, VI 7; VII 7 and 8g (Third Year); M.Sc.—*The Sources and Historiography of the Economic History of the U.S.A., 1890-1929*, V 1(v).

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* (2nd edn., 1964). 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 American Economy* (1961); F. Thistlethwaite, *The Great Experiment* (1955). Other useful text-books include: S. Bruchey, *The Roots of American Economic Growth, 1607-1861*; 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).

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*; A. G. Bogue, *From Prairie to Corn Belt*; 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*; R. W. Fogel, *Railroads and American Economic Growth*; 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*.

270. The New Deal and its Aftermath: the U.S.A. since 1930.

Mr. Potter and others. Summer Term.

For B.Sc. (Econ.) Part II—special subject of Economic History and all other Part II students interested.

Syllabus.—A short series of meetings will be held at the beginning of the Summer Term to examine various aspects of American economic, political and social history since 1930.

271. Economic History of the United States of America (Class).

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 1216 to 1603. 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 1603*; 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 Miss Coleman and Dr. Bridbury.

274. Economic History from 1216 to 1603 (Classes). Classes for day and evening students taking alternative subject 13 for Part I of the B.Sc. (Econ.) degree will be held by Miss Coleman and Dr. Bridbury.

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 the Economic History of England, 1380-1530. Miss Coleman and Dr. Bridbury will hold a fortnightly seminar throughout the session.

278. The Sources and Historiography of the Economic History of England in the Seventeenth Century. Professor Fisher and Dr. Coleman will hold a fortnightly seminar throughout the session.

279. 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.

280. The Sources and Historiography of the Economic History of the U.S.A., 1890-1929. Mr. Potter will hold a fortnightly seminar throughout the session.

281. Economic Growth Historically Considered. Professor Fisher and Mr. Falkus will hold a fortnightly seminar during the Lent and Summer Terms.

282. 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.

INTERNATIONAL HISTORY

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

For B.Sc. (Econ.) Part I.

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. 1, 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*; J. R. Western, *The End of European Primacy, 1871-1945*. 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*; *New Cambridge Modern History*, Vols. VIII-XII. 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*.

A Historical Atlas, such as Robertson's, Muir's, or Seligman's, is essential.

290. Political History. Dr. Lowe, Dr. Hearder, Miss Lee, Mr. Grün and Dr. 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 edn.); 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, *The 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, 1494-1815. 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.—Political and diplomatic history, mainly of the European Great Powers, with some reference to the evolution of diplomatic practice.

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*, Ed. P. Renouvin); 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-IX; 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 since 1815*, 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 since 1914.** 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 since 1914*, XIV 6; *International History since 1815*, VI 8b; VII 7 and 8e; 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*; A. Wolfers, *Britain and France between Two Wars*; 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*; A. L. C. Bullock, *Hitler: A Study in Tyranny*; E. Wiskemann, *The Rome-Berlin Axis; Europe of the Dictators 1919-1945*; M. Beloff, *The Foreign Policy of Soviet Russia, 1929-1941*; 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*; Llewellyn Woodward, *British Foreign Policy in the Second World War*; C. A. Macartney and A. W. Palmer, *Independent Eastern Europe*; L. E. Kochan, *The Struggle for Germany 1914-1945*; G. Hilger and A. Meyer, *The Incompatible Allies*; R. C. North, *Moscow and the Chinese Communists*; F. C. Jones, *Japan's New Order in Asia*; J. L. Snell, *Allied Wartime Diplomacy*; J. W. Spanier, *American Foreign Policy since World War II*; H. Seton-Watson, *Neither War Nor Peace*.

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—*Africa in International Politics, 1870-1914*, XIV 8d 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.—C. P. Lucas, *The Partition and Colonisation of Africa*; 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 Slesvig-Holstein crisis 1860-4; the nationalist era 1870-1918 and the independence movements in Norway, Finland, the east Baltic states and Iceland; Scandinavia and the League of Nations; Scandinavia and the approach of World War II.

Recommended reading.—The national histories by J. H. Birch, L. Krabbe, K. Larsen, I. Andersson, and E. Jutikkala; L. D. Steefel, *The Schleswig-Holstein Question*; E. F. Heckscher (Ed.), *Sweden, Norway, Denmark and Iceland in the World War*; W. F. Reddaway, *Problems of the Baltic*; H. Friis, *Scandinavia between East and West*; S. S. Jones, *The Scandinavian States and the League of Nations*; H. Tingsten, *The Debate on the Foreign Policy of Sweden, 1918-1939*; F. D. Scott, *The United States and Scandinavia*; R. E. Lindgren, *Norway-Sweden, Union, Disunion, and Scandinavian Integration*; F. Lindberg, *Scandinavia in Great Power Politics, 1905-1908*.

297. **The Maritime Policies of the Great Powers, 1918-1939.** Mr. Watt. Eight lectures, Michaelmas Term. (This course will not be given in the session 1966-67.)

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. The Old Foreign Office, 1815-1878. Dr. Hearder. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Old Foreign Office*, 1815-1878, 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).

299. 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'Égypte* (1905); Lord Cromer, *Modern Egypt* (1908).

300. Great Britain and the Paris Peace Conference of 1919. Mr. Grün. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Great Britain and the Paris Peace Conference of 1919*, XIV 7c (Third Year).

Syllabus.—A detailed study of British policy in relation to the organisation of the peace conference and of the negotiations which led to the signing of the Treaty of Versailles, based on the following authorities:

Papers Relating to the Foreign Relations of the United States; 1919, *The Paris Peace Conference*, Vols. III-VI; P. Mantoux, *Paris Peace Conference 1919*; *Proceedings of Council of Four* (Geneva, 1964); D. Lloyd George, *The Truth about the Peace Treaties* (1938).

301. The Manchurian Crisis, 1931-33. Dr. Nish. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Manchurian Crisis*, 1931-1933, XII 7 and 8c; XIV 7d (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*; *Documents on British Foreign Policy*, 2nd Series, Vols. VIII and IX.

302. British-American-Russian Relations, 1815-1914. Dr. Anderson and Dr. Nish. 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*; H.-P. Chang, *Commissioner Lin and the Opium War*; 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*.

303. International Economic History, 1850-1945. Mr. W. M. Stern. Twenty meetings, 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. Svennilson); H. J. Habakkuk and M. Postan (Eds.), *The Cambridge Economic History of Europe, VI: The Industrial Revolutions and After*; F. H. Hinsley (Ed.), *The New Cambridge Modern History, XI: Material Progress and World-Wide Problems, 1870-1898*; L. H. Jenks, *The Migration of British Capital to 1875*; D. Thomson (Ed.), *The New Cambridge Modern History, XII: The Era of Violence, 1898-1945*; M. Tracy, *Agriculture in Western Europe*.

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*; Royal Institute of International Affairs, *Survey of International Affairs, 1939-46, Vol. I, The World in March, 1939, Part II*; B. E. Supple (Ed.), *The Experience of Economic Growth*; 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.

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, Dr. Anderson and Dr. Bridge throughout the session for B.Sc. (Econ.) Part II students specialising in International History.

307. International History since 1815 (Class). Fortnightly classes will be held by Miss Lee, Dr. Nish, Dr. Lowe, Mr. Watt, Mr. Grün and Dr. Hearder throughout the session for B.Sc. (Econ.) Part II students specialising in International History.

308. International History since 1815 (Class). Fortnightly classes will be held by Dr. Nish, Dr. Hearder and Dr. Bridge 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 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, 1815-1914 (Seminar). This seminar will be held fortnightly by Professor Medicott at the Institute of Historical Research. Admission will be 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 by permission of Professor Medicott.

316. M.Sc. classes and tutorial supervision will be arranged as required for graduate students taking the one-year course in International History.

**GENERAL AND SPECIAL COURSES FOR
B.A. HONOURS IN HISTORY (and for
B.A. Honours in Geography with
History Subsidiary)**

325. **English History before 1461.** Mr. Gillingham. Forty-five lectures in two sessions.
For B.A. Honours in History (First and Second Years).
Recommended reading will be given during the course.
326. **Mediæval English History (Classes).** Classes will be held by Mr. Gillingham and Dr. Waley throughout the session for students taking B.A. Honours in History.
327. **English History, 1461-1784.** Mrs. Carter. Forty lectures, Michaelmas and Lent Terms.
For B.A. Honours in History (First Year) and for students taking History as a subsidiary subject to B.A. Honours in Geography.
Note: Dr. Brown will hold classes for Geography students in the session 1967-68 in order to continue the course to 1914.
Recommended reading will be given during the course.
328. **English History from 1461 to 1784 (Classes).** Classes and tutorials will be held by Mrs. Carter throughout the session for students taking B.A. Honours in History.
329. **British History in the Nineteenth Century.** Dr. Brown. Forty lectures, Sessional.
For B.A. Honours in History.
Recommended reading will be given during the course.
330. **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.
331. **European History, 1200-1500.** Dr. Waley. Ten lectures, Michaelmas and Lent Terms. (This course will not be given in the session 1966-67.)
For B.A. Honours in History (First and Second Years).
Recommended reading will be given during the course.

332. **Mediæval European History (Classes).** Classes will be held by Dr. Waley throughout the session for students taking B.A. Honours in History.
333. **European History, 1500-1800 (Classes).** Classes will be held throughout the session for students taking B.A. Honours in History.
334. **European History since 1800 (Classes).** (This course will not be given in the session 1966-67; it will be given in the session 1967-68.)
335. **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*; W. Ullman, *A History of Political Thought: the Middle Ages*; W. Ehrenberg, *The Greek State*; L. Homo, *Roman Political Institutions*; E. Lewis, *Mediæval Political Ideas* (2 vols.); T. Gilby, *Principality and Polity*; 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*.
336. **The History of Political Thought (Class).** Classes will be held in the Michaelmas and Lent Terms for students taking B.A. Honours in History.
337. **English Constitutional History from c. 1530 to 1914.** Mrs. Carter will hold fortnightly classes throughout the session on English Constitutional History from c. 1530 to the mid-eighteenth century. The course will be continued to 1914 by Dr. Brown in the session 1967-68.
338. **English Economic History.** Classes for students taking B.A. Honours in History with the optional subject English Economic History will be held throughout the session by Dr. Bridbury and others.
339. **Diplomatic History, 1814-1945.** Classes for students taking B.A. Honours in History with the optional subject Diplomatic History, 1814-1945 will be held by Dr. Hearder.

340. **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.
341. **Florence during the Renaissance, 1464-1512 (Intercollegiate Classes).** Classes will be held by Dr. Waley for students taking B.A. Honours in History with the special subject Florence during the Renaissance, 1464-1512.
342. **The Eastern Question, 1875-1881 (Intercollegiate Seminar).** A seminar will be held on Monday afternoons by Professor Medlicott, Dr. Bourne and Mr. V. J. Parry (School of Oriental and African Studies) for students taking this special subject.

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, 1494-1815.**
 No. 292.—**Diplomatic Relations of the Great Powers, 1815-1914.**
 No. 293.—**International History since 1914.**
 No. 562.—**Political Thinkers from Cicero to Marsiglio.**
 No. 563.—**Political Thought from Hobbes to Burke.**

INDUSTRIAL RELATIONS

INDUSTRIAL RELATIONS

348. Industrial Relations. Professor Roberts and Dr. R. F. Banks.
Twenty Lectures, Michaelmas and Lent Terms.

For graduate students; members of the Trade Union Studies Course and the Diploma in Personnel Management.

Syllabus.—Analysis of the structure of the British system of industrial relations. The growth, organisation and ideology of the Trade unions. Factors determining the pattern of industrial relations at the level of the enterprise. The dynamics of collective bargaining. The role of management and employers' associations. Relations at the national level between trade unions, employers and the Government. Functions of the Ministry of Labour and statutory bodies. Theories of Industrial Relations.

Recommended reading.—S. and B. Webb, *A History of Trade Unionism*; S. and B. Webb, *Industrial Democracy*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; H. A. Turner, *Trade Union Growth, Structure and Policy*; A. Flanders and H. A. Clegg, *The British System of Industrial Relations*; A. Flanders, *Industrial Relations: What is Wrong with the System?*; Royal Commission on Trade Unions and Employers' Associations, written evidence of the Ministry of Labour; Royal Commission on Trade Unions, written evidence of the Confederation of British Industry; United Kingdom Ministry of Labour, *Industrial Relations Handbook*; G. D. H. Cole, *A Short History of the British Working-Class Movement*; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives*; Eric Wigham, *What's Wrong with the Unions?*; J. Dunlop, *Industrial Relations Systems*; W. Milne-Bailey, *Trade Unions and the State*; E. Schneider, *Industrial Sociology*; W. E. Moore, *Industrial Relations and the Social Order*; W. McCarthy, *The Closed Shop in Britain*; V. L. Allen, *Trade Unions and the Government*; R. E. Walton and R. B. McKersie, *A Behavioral Theory of Labor Negotiations*; G. Cyriax and R. Oakshott, *The Bargainers*; A. Flanders, "The Internal Social Responsibilities of Industry" (*British Journal of Industrial Relations*, Vol. IV, No. 1, March 1966); R. A. Lester, *As Unions Mature*; W. H. Scott et al, *Technical Change and Industrial Relations*; T. T. Patterson, *Glasgow Ltd.*; A. Sturmthal, *Contemporary Collective Bargaining*; M. Fogarty, *The Just Wage*; F. J. Bayliss, *British Wages Council*.

348(A). Industrial Relations. A class will be arranged for members of the Trade Union Studies Course throughout the session.

348(B). Industrial Relations. Professor Roberts. A class will be arranged for M.Sc. students throughout the session.

See also Course No. 88.

349. Trade Unions in Britain: a Political History. 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*; E. P. Thompson, *The Making of the English Working Class*; R. Harrison, *Before the Socialists: Studies in Labour and Politics, 1861-1881*; A. J. P. Taylor, *English History, 1914-1945*.

350. Comparative Industrial Relations. Professor Roberts. Ten lectures, Lent Term.

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*; F. R. Dulles, *Labor in America*; H. W. Davey, *Contemporary Collective Bargaining*; D. H. Wollett and B. Aaron, *Labor Relations and the Law*; 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*; B. C. Roberts, *National Wages Policy in War and Peace*; A. F. Sturmhthal, *Contemporary Collective Bargaining in Seven Countries*; B. C. Roberts (Ed.) *Industrial Relations: Contemporary Problems and Perspectives*; *British Journal of Industrial Relations* (Special Issue on Incomes Policy, Nov. 1964, Vol. II, No. 3; Special Issue on Japan, July 1965, Vol. III, No. 2); F. Harbison and C. Myers, *Management in the Industrial World*; A. F. Sturmhthal, *Workers' Councils*.

351. Industrial Sociology. Mr. Thurley. Twenty lectures, Michaelmas and Lent Terms.

For graduate students; Diploma in Personnel Management.

Syllabus.—An introduction to the sociology of work behaviour. Formal and informal work organisation. Role, status and "political" systems. Authority systems and managerial ideologies. Theory of the primary work group. Control of output by workers and financial incentive schemes. Leadership and theories of supervision. Classical and "human relations" theories of management behaviour. Theory of bureaucracy and models of organisation. Industrial relations, collective bargaining and organisational conflict. Relationship between technology, role systems and work behaviour. Social and cultural factors affecting industrialisation, innovation and the speed of technical change. Analysis of personnel management policy and practice (selection, promotion, training, payment, consultation, work organisation) in terms of these concepts.

Recommended reading.—J. C. Abegglen, *The Japanese Factory*; C. M. Arensberg et al., *Research in Industrial Human Relations*; R. Bendix, *Work and Authority in Industry*; P. Blau, *Dynamics of Bureaucracy*; E. F. L. Brech, *Organisation: The Framework of Management*; Wilfred Brown, *Exploration in Management*; T. Burns, *Sociology of Industry*; T. Burns and G. M. Stalker, *The Management of Innovation*; M. Crozier, *The Bureaucratic Phenomena*; R. Dubin, *The World of Work: Industrial Society and Human Relations*; Etzioni, *Complex Organizations*; European Productivity Agency, *Report of Rome Conference on Human Relations, 1956*; G. Friedman, *The Anatomy of Work*; A. Gouldner, *Patterns of Industrial Bureaucracy*; E. Jaques, *The Changing Culture of a Factory*; C. Kerr et al., *Industrialisation*

and *Industrial Man*; James W. Kuhn, *Bargaining in Grievance Settlement*; S. B. Levine, *Industrial Relations in Post-War Japan*; R. Likert, *New Patterns of Management*; S. M. Lipset and R. Bendix, *Social Mobility in Industrial Society*; T. Lupton, *On the Shop Floor*; D. McGregor, *The Human Side of the Enterprise*; S. Pollack, *The Genesis of Modern Management*; L. R. Sayles, *Behaviour of Industrial Work Groups*; W. H. Scott et al., *Technical Change and Industrial Relations*; H. A. Simon, *Administrative Behaviour*; J. H. Smith, *The University Teaching of Social Sciences: Industrial Sociology*; E. L. Trist, G. W. Higgin, H. Murray and A. B. Pollock, *Organisational Choice*; K. E. Thurley and A. C. Hamblin, *The Supervisor and his Job*; C. R. Walker, R. H. Guest, and A. N. Turner, *The Foreman on the Assembly Line*; J. Woodward, *Industrial Organisation*.

351(A). Industrial Sociology (Class).

352. 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 lectures.

353. 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).

354. Trade Unionism in France. Mr. Pickles. Five 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*.

355. Trade Union Problems (Seminar). Professor Roberts, Dr. R. F. Banks and guest speakers. Lent and Summer Terms.

Admission is strictly limited to members of the Trade Union Studies Course.

356. Industrial Relations (Seminar). Professor Roberts, Miss Seear and Mr. Thurley will hold seminars in the Lent Term for the Diploma in Personnel Management and the Trade Union Studies course.

357. 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.

Students are also referred to the following courses:—

- No. 23.—**Labour: Organisation and Relations.**
- No. 88.—**Labour Problems.**
- No. 59.—**Labour Economics.**
- No. 421.—**Law of Labour and of Social Insurance.**
- No. 751.—**Industrial Psychology.**
- No. 943.—**Labour Statistics.**

Course in Trade Union Studies

Lectures and Classes will be provided in the following subjects: Economics; Contemporary Trade Unionism and Industrial Relations; British Economic and Social History, with special reference to the growth of labour movements; Law, with special reference to trade unionism; Political Organisation in Great Britain; Industrial Sociology and Psychology; Elementary Statistics and Business Finance.

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 35, 52-58
- International History:** Courses 289 to 316
- International Law:** Course 409
and, particularly,
- International Relations:** Courses 500 to 542

LANGUAGE STUDIES

	Pages
Linguistics, Language (General)	395, 400
French	395, 396-7
German	395, 396, 397-8
Italian	395, 396, 398
Russian	395, 396, 398
Spanish	395, 396, 398-9
English	399-400
B.A. Honours in History	399
Graduate Students	399

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, Michaelmas Term.

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. 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*.

GERMAN:

- J. Bithell (Ed.): *Germany: a Companion to German Studies*.
 A. J. P. Taylor: *The Course of German History*.

ITALIAN:

- D. Mack Smith: *Italy, A Modern History*.
 M. Grindrod: *The Rebuilding of Italy*.
 D. S. Walker: *A Geography of Italy*.

RUSSIAN:

- I. M. Pulkina: *A Short Russian Reference Grammar*.
 D. Ward: *Russian Pronunciation*.
 V. Klepko: *Stress in Russian*.
 P. Henry: *Russian Prose Composition*.
 R. Charques: *A Short History of Russia*.
 V. Panova: *Sputniki*.
 B. Balter: *Do svidaniya, malchiki*.
 M. Slonim: *An Outline of Russian Literature, Vols I and II*.
Soviet Short Stories (Penguin).

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.*
W. C. Atkinson: *A History of Spain and Portugal.*
E. A. Peers: *Spain: A Companion to Spanish Studies.*
J. García López: *Historia de la Literatura Española.*

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; XIV 3d (Second and Third Years); XII 8g (Second Year); XII 7 and 8i(iii) (Third Year).

Students selecting this option must register with the Convenor 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 Convenor 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 8g; XIV 3d (Second Year); XII 7 and 8i(iii) (Third 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

- 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.*
D. W. Brogan: *The Development of Modern France, 1870–1939.*
A. Siegfried: *De la III^e à la IV^e République.*
A. Siegfried: *De la IV^e à la V^e République.*
M. Duverger: *Les Constitutions de la France.*
M. Duverger: *La V^e République.*
G. Mounin: *Les Problèmes Théoriques de la Traduction.*
F. Brunot: *La Pensée et la Langue.*
M. Grévisse: *Le Bon Usage.*
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).
H. Calvet: *La Société Française Contemporaine.*
H. Detton: *L'Administration Régionale et Locale de la France.*
H. Sée: *Histoire Economique de la France des Temps Modernes.*
A. Dauzat: *La Vie Rurale en France.*
A. Longnon: *La Formation de l'Unité Française.*
A. Demangeon: *Géographie Economique et Humaine de la 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.*

HISTORICAL AND POLITICAL DEVELOPMENT:

- G. Mann: *Deutsche Geschichte des Neunzehnten und Zwanzigsten Jahrhunderts.*
A. J. P. Taylor: *The Course of German History.*
H. Kohn (Ed.): *German History: Some New German Views.*
H. S. Reiss (Ed.): *The Political Thought of the German Romantics, 1793–1815.*
H. Mau and
H. Krausnick: *Deutsche Geschichte der Jüngsten Vergangenheit.*

D. van Abbé:	<i>Image of a People.</i>
R. Müller-Freienfels:	<i>Psychologie des deutschen Menschen und seiner Kultur.</i>
H. F. Garten:	<i>Modern German Drama.</i>
H. M. Waidson:	<i>The Modern German Novel.</i>
R. Pascal:	<i>The German Novel.</i>
L. Erhard:	<i>Wohlstand für Alle.</i>
R. Aron:	<i>German Sociology.</i>
L. W. Leonhardt:	<i>Xmal Deutschland.</i>

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.—

C. J. S. Sprigge:	<i>The Development of Modern Italy.</i>
M. Grindrod:	<i>The Rebuilding of Italy.</i>
L. D. Einstein:	<i>The Italian Renaissance in England.</i>
F. Milone:	<i>L'Italia nell'economia delle sue regioni.</i>
M. Carlyle:	<i>Modern Italy.</i>

Russian (See No. 362)

369. Mrs. Gottlieb and Dr. Johnson. Thirty classes, Sessional.

Syllabus.—Discussion in Russian on the civilisation and culture of the country and of matters connected with the social sciences.

Recommended reading.—

D. Ward:	<i>Russian Today.</i>
Borras and Christian:	<i>Russian Syntax.</i>
W. E. Mosse:	<i>Alexander II and the Modernization of Russia.</i>
D. J. R. Scott:	<i>Russian Political Institutions.</i>
L. B. Schapiro:	<i>The Communist Party of the Soviet Union.</i>
D. Footman:	<i>The Russian Revolution.</i>
M. Slonim:	<i>A History of Russian Literature, Vol. III (Soviet Literature).</i>
V. O. Klyuchevsky:	<i>Istoriya Rossii, Vol. 5.</i>
M. Gorky:	<i>Delo Artamnovykh.</i>
K. Paustovsky:	<i>Povest o zhizni.</i>
Ilf i Petrof:	<i>Rasskazy.</i>

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.—

R. Lapesa:	<i>Historia de la lengua española.</i>
R. Altamira:	<i>Los elementos de la civilización y del carácter españoles.</i>
R. Menéndez Pidal:	<i>Los españoles en la historia.</i>
A. Valbuena Prat:	<i>Historia de la literatura española.</i>

G. Torrente Ballester:	<i>Panorama de la literatura española contemporánea.</i>
L. Granjel:	<i>Panorama de la generación del 98.</i>
E. G. de Nora:	<i>La novela española contemporánea.</i>
P. Laín Entralgo:	<i>España como problema.</i>
M. Fernández Almagro:	<i>Historia política de la España contemporánea.</i>
J. B. Trend:	<i>The Origins of Modern Spain.</i>
G. Brenan:	<i>The Spanish Labyrinth.</i>
H. Thomas:	<i>The Spanish Civil War.</i>
J. Vicens Vives:	<i>Historia social y económica de España y América (4 vols.).</i>
R. A. Humphreys:	<i>The Evolution of Modern Latin America.</i>
D. G. Munro:	<i>The Latin-American Republics.</i>

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. Intending participants should see Dr. Denison in the first two weeks of the Michaelmas Term so that a time can be arranged.

372. French Diplomacy since 1944 (Seminar). Dr. Tint. Lent Term. For M.Sc.—*Foreign Policies of the Powers, X3*, and other graduate students by permission of Dr. Tint.

373. Classes in French, German, Italian, Russian and Spanish. Graduate students requiring a language for research purposes should see the Secretary 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*; 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*; G. H. Vallins, *The Pattern of English*.

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, Michaelmas 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, *An English Pronouncing Dictionary*; N. C. Scott, *English Conversations*; P. A. D. MacCarthy, *English Pronunciation*; I. C. Ward, *The Phonetics of English*; A. C. Gimson, *An Introduction to the Pronunciation of English*.

377. Written English. Mr. Chapman. Eight lectures, Lent Term.

Open to all students. Recommended for candidates for Civil Service and similar public examinations.

Syllabus.—The basic structure of English. Choice of words. Meaning and association. Sentence-formation. Levels of communication. Punctuation. Preparation and presentation of material.

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*; R. Quirk, *The Use of English*; G. H. Vallins, *Good English*.

378. History of English Style. Mr. Chapman. Sessional.

For students of English as a Foreign Language.

Syllabus.—Comparative study of prose style from the seventeenth century, with particular attention to modern writing, including scientific, technical and political texts. Students will be expected to buy a copy of *English Essays*, edited by W. E. Williams (Penguin Books).

379. Applied Linguistics. Miss Aitchison, Mr. Chapman and Dr. Denison. Sessional.

Syllabus.—The relevant aspects of linguistic theory in their application to language learning, bilingualism and multilingualism; national language problems.

LAW

LAW

Courses intended primarily for LL.B. Students

390. **English Legal System.** Mr. Zander and Professor Milsom.
Thirty-eight lectures, Sessional.

For LL.B. Intermediate.

Syllabus.—I. *Learning the Law* (five lectures in the first week):

The nature of the legal process; case and statute law and the courts; law reports and the library.

Recommended Reading.—G. L. Williams, *Learning the Law*.

Syllabus.—II.

(a) *Making the law*: sources of law; custom; precedent; statutes and statutory interpretation.

(b) *Changing the law*: the machinery of law reform; codification.

(c) *Historical development of the English legal system*: origins of common law; general outline of the forms of action; development of equity; the law merchant; nineteenth-century reforms.

(d) *The Courts*: their structure, organisation, jurisdiction.

(e) *Pre-trial*: (1) Civil: interlocutory proceedings, pleadings.

(2) Criminal: investigation of crime by the police; the Judges' Rules; police powers of search; phone tapping; arrest; bail.

(f) *The Trial*: (1) Proceedings before the magistrates, including preliminary hearings; procedure in civil and criminal trials; rules of evidence. The jury.

(2) Remedies; enforcement of judgments; sentencing. The appeal process. The costs of litigation; legal aid; right to counsel.

(g) *Alternative methods of settling disputes*: arbitration; administrative tribunals; control of the administration by the courts.

(h) *The legal profession*: judges, barristers and solicitors.

PRESCRIBED TEXTBOOK: R. M. Jackson, *The Machinery of Justice in England*.

Recommended reading.—G. R. Y. Radcliffe and G. Cross, *The English Legal System*; O. Hood Phillips, *A First Book of English Law*; G. L. Williams, *Proof of Guilt*; P. A. Devlin, *The Criminal Prosecution in England*; *Trial by Jury*; P. Archer, *The Queen's Courts*; S. Bedford, *Faces of Justice*; *The Best We Can Do*; C. K. Allen, *Law in the Making*; R. E. Megarry, *The Lawyer and Litigant in England*.

Students should consult the latest editions of these books.

Note: Students are also required to attend course No. 10. Topics in Applied Economics.

391. **Public Law I.** Professor Griffith, Mr. Thornberry and Mr. Park.
Twenty-four lectures, Sessional (beginning in the second week of the Michaelmas Term).

For LL.B. Intermediate.

Syllabus.—(1) *The special characteristics of public law in England*.

(2) *The Institutions of Government*:

(a) The Prime Minister, the Cabinet, the central government departments. The civil service. Political parties.

- (b) Local authorities: their staff.
- (c) Public corporations: their staff.
- (d) Parliament: its composition, functions and privileges. Ministerial responsibility. Elections.

(e) The Judiciary: its constitutional position.

(3) *The processes of government:*

The administrative process: its characteristics. The working of government. The functional relations between the institutions of government. The royal prerogative.

The legislative process: its characteristics, pre-parliamentary and parliamentary. Subordinate legislation. Private Bills.

The judicial process: its characteristics. The impact of the courts on the processes of government. Administrative tribunals.

Recommended reading.—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*; R. F. V. Heuston, *Essays in Constitutional Law*.

FURTHER READING AND REFERENCE: D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* or O. Hood Phillips, *Leading Cases in Constitutional Law*; J. A. G. Griffith and H. Street, *A Casebook of Administrative Law*; A. V. Dicey, *Introduction to the Study of the Law of Constitution*; W. I. Jennings, *Principles of Local Government Law*; *Parliament*; *Cabinet Government*; J. P. Mackintosh, *The British Cabinet*; G. C. Moodie, *The Government of Great Britain*; G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; L. S. Amery, *Thoughts on the Constitution*; A. H. Birch, *Representative and Responsible Government*; W. J. M. Mackenzie and J. W. Grove, *Central Administration in Britain*; R. T. McKenzie, *British Political Parties*; Eric Taylor, *The House of Commons at Work*; W. E. Jackson, *Local Government in England and Wales*; W. A. Robson, *Nationalised Industry and Public Ownership*.

Students should consult the latest editions of these books.

392. Law of Contract I. Professor Wedderburn. Twenty-eight lectures, Michaelmas and Lent Terms.

For LL.B. Intermediate.

Syllabus.—Functions of contract. Background and modern problems of the English Law.

Formation of valid contracts; intention to create legal relations; offer and acceptance; certainty; consideration; capacity; form.

Content: terms of the contract; interpretation of terms; express and implied terms; legal basis of standard contracts; judicial and legislative control of contract; oral, written and collateral contracts.

Misrepresentation; mistake; duress and undue influence.

Privity of contract and its problems. (Note: assignment and agency are as such excluded.)

Performance: agreed variation and abrogation; discharge by breach and frustration.

Remedies for breach (in outline). Quasi-contractual remedies (in outline).

Recommended reading.—TEXT BOOKS: G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract*; J. C. Smith and J. A. C. Thomas, *A Casebook on Contract*; R. Sutton and N. P. Shannon, *On Contract* (Ed. K. W. Wedderburn); G. H. Treitel, *The Law of Contract*.

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); C. H. S. Fifoot, *History and Sources of Common Law*; L. C. B. Gower, *Law of Business in Law and Opinion in England in the 20th Century* (Ed. Ginsberg); A. Diamond and G. Borrie, *The Consumer, Society and the Law*.

Students should consult the latest editions of these books.

393. Law of Tort I. Mr. Dean. Twenty-nine lectures, Michaelmas and Lent Term (beginning in the second week of the Michaelmas Term).

For LL.B. Intermediate.

Syllabus.—Part I—Introduction.

General Observations: a brief examination of the various interests protected by the law of tort and the mental element involved in tort generally.

Part II—Intentional torts to person and property.

(a) Trespass to the person. This should cover assault, battery and false imprisonment and *Wilkinson v. Downton*. In addition, however, it is appropriate here to consider and compare malicious prosecution.

(b) Chattels. This covers trespass to chattels, conversion and detinue.

(c) Trespass to land.

(d) General defences to intentional torts to persons and property.

Part III—Negligent invasions of interests in person and property.

(a) Negligence generally (including *res ipsa loquitur*) and a brief indication of causation and remoteness. (A full discussion of causation and remoteness is deferred until Part II of the course).

(b) Particular examples of duty to take care:

(i) Chattel liability.

(ii) Negligence in relation to premises.

(iii) Employer's duty of care to workmen (briefly—a fuller study is deferred until the second-year course).

(iv) Animals.

(v) Statement (briefly—a fuller examination is deferred until Part II).

Part IV—Invasion of interests in person and property where intentional or negligent conduct need not always be proved.

(a) Nuisance.

(b) *Rylands v. Fletcher*.

Part V—Residual interests receiving protection in the Law of Tort.

(a) Interference with family relations.

(b) Liability between spouses.

(c) Miscellaneous interests.

Recommended reading.—TEXT BOOKS: J. W. Salmond, *The Law of Torts*; H. Street, *The Law of Torts*; P. H. Winfield, *Text-book on the Law of Tort*.

FURTHER READING: C. A. Wright, *Cases on the Law of Torts*; J. F. Clerk and W. H. B. Lindsell, *The Law of Torts*; S. Chapman, *Statutes on the Law of Torts*; J. G. Fleming, *The Law of Torts*; W. L. Prosser, *Handbook of the Law of Torts*.

Students should consult the latest editions of these books.

394. Law of Real and Personal Property I. Professor Milsom. Twenty-four lectures of one-and-a-half hours, Sessional.

For LL.B. Intermediate.

Syllabus.—General introduction: purposes of property law; types of property and of property right; nature and historical origin of equitable interests.

Chattels: basis of title; finding; bailment; gift; sale.

Land: tenure; estates; uses and trusts; outline of future interests before 1925; easements etc.; effects in outline of 1925 legislation; conveyance and estate contract.

Choses in action: types; assignment of debts; negotiable instruments (in outline); transfer of shares; assignment of equitable interests.

Devolution on death, including family provision (in outline).

Property as security: pledge; hire purchase, etc. (in outline); mortgage.

Recommended reading.—TEXTBOOKS: G. C. Cheshire, *Modern Law of Real Property*; R. E. Megarry, *Manual of Real Property*; J. Crossley Vaines, *Personal Property*.

FURTHER REFERENCE: F. H. Lawson, *The Law of Property*; A. D. Hargreaves, *Introduction to the Principles of Land Law*; G. W. Paton, *Bailment in Common Law*; O. R. Marshall, *Assignment of Choses in Action*.

Students should consult the latest editions of these books.

395. Criminal Law. Mr. Hall Williams, Mr. D. A. Thomas and Mr. Leigh. Forty-six lectures (day). Mr. Downey. Twenty-five lectures of one-and-a-half hours (evening). Sessional.

For LL.B. Part I.

Syllabus.—Definition and classification of crimes, and the general nature of criminal law. General principles of responsibility. Exemptions from responsibility and defences. Degrees of participation. Preliminary crimes.

OFFENCES AGAINST THE PERSON. Murder, manslaughter, infanticide, child destruction, suicide. Wounding and assaults.

OFFENCES AGAINST PROPERTY. Legal theories of ownership, possession and custody in relation to criminal law. Larceny, robbery, blackmail, false pretences, cheat, personation. Embezzlement, falsification of accounts, fraudulent conversion, obtaining credit by fraud. Receiving. Burglary, housebreaking and sacrilege. Arson and malicious damage. Forgery.

OFFENCES OF A PUBLIC NATURE. Perjury, bigamy, criminal libel, conspiracy and public mischief.

Recommended reading.—J. C. Smith and B. Hogan, *Criminal Law*; G. L. Williams, *Criminal Law—The General Part*; 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. L. Armitage, *Cases on Criminal Law*; D. W. Elliott and J. C. Wood, *A Casebook on Criminal Law*; R. Cross and P. A. Jones, *Cases 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); J. L. 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*.

Students should consult their class teacher or lecturer before purchasing any books.

396. Criminal Law. Sessional. (This course will not be given in the session 1966–67.)

For LL.B. Part I (new regulations).

Syllabus.—A. *General Principles of Responsibility.*

The need for a principle of responsibility and the growth of strict responsibility. Objective and subjective tests of liability. The meaning of *Actus Reus* and *Mens Rea*. Acts and omissions. Voluntary and involuntary conduct. Causation. Intention, recklessness and negligence. Principles of construction of penal legislation. Attempts, conspiracy and degrees of participation. General defences.

Specific Problems of Responsibility.

Mental disorder: insanity, diminished responsibility and the treatment of the mentally ill. Infancy. Corporations and group responsibility. Vicarious liability.

B. *Specific Crimes—Legal Definition and Social Pathology.*

The more important criminal offences against person and property will be considered against the context of behavioural patterns in society and the use of the criminal law as a means of social control.

C. *Introduction to Criminology.*

Causal factors in crime. Crime prevention. Theory and purposes of punishment. The sentencing process and the function of the Courts; principles of sentencing policy. Treatment of offenders.

Recommended reading.—BASIC TEXT BOOKS: C. S. Kenny, *Outlines of Criminal Law* (Ed. J. W. C. Turner); R. Cross and P. A. Jones, *Introduction to Criminal Law*; J. C. Smith

and B. Hogan, *Criminal Law*; J. W. C. Turner and A. L. 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*.

Note: The lecturer will give guidance at the commencement of the course on the books to be selected for basic reading. Students are accordingly advised to defer final selection until they have consulted the lecturer or their tutors.

Further reading.—W. O. Russell, *Crime* (Ed. J. W. C. Turner); G. L. Williams, *Criminal Law—The General Part*; N. R. Morris and C. Howard, *Studies in Criminal Law*; C. Howard, *Strict Responsibility*; B. Wootton, *Social Science and Social Pathology*; *Crime and the Criminal Law*; H. Jones, *Crime and the Penal System*; N. Walker, *Crime and Punishment in Britain*; J. Hall, *Theft, Law and Society*; L. Radzinowicz, *A History of English Criminal Law*; Reports of the Criminal Law Revision Committee, Departmental Committees and Home Office Research Unit; Report of the U.K. Royal Commission on Capital Punishment, 1953 (Cmd. 8932); Report of the U.K. Royal Commission on the Law relating to Mental Illness and Mental Deficiency, 1957 (Cmd. 247); *Penal Practice in a Changing Society*, 1959 (Cmd. 645).

Students should consult the latest editions of these books.

397. Sentencing and the Treatment of Offenders. Mr. Hall Williams. Five lectures, Lent Term.

Optional for LL.B. Part I; 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*; N. Walker, *Crime and Punishment in Britain*; 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 (Streetfield Committee) February 1961, Cmd. 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*; H.M.S.O., *The Sentence of the Court*, April, 1964.

398. Law of Tort. Mr. Dean and Mr. Roberts. Fifty lectures (day), Sessional. (This course will be given in the evening in the session 1967–68.)

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. Lindsay, *The Law of Torts* (12th edn.); S. Chapman, *Statutes on the Law of Torts*; J. G. Fleming, *The Law of Torts* (2nd edn.).

399. Law of Contract and Tort. Sessional. (This course will not be given in the session 1966–67.)

For LL.B. Part I (New regulations).

Syllabus.—Contract.

I. Illegality: public policy and contracts void or illegal by statute; judicial and statutory control of "freedom of contract".

II. Remedies in the modern law; problems of certain types of contract (e.g. penalties and hire purchase). (See Tort III.)

III. Agency (in outline); the problems of "the third party" reconsidered. (See Tort II, e).

IV. Misrepresentation, collateral contracts and tort liability; the innocent statement in modern English law and society. (See Tort IV, a.)

V. Contractual and other obligations; the future of "free contract" in types of commercial and industrial relation; "status" and "contract"; the relationship with "quasi-contract" or "restitution"; the impact of insurance. (See Tort IV, d).

Tort.

I. Defamation and injurious falsehood.

II. Economic Tort, etc.: (a) Employer's duty of care to workmen (b) Servants and independent contractors, etc. (c) Breach of statutory duty (d) Legal position of Trade Unions (e) Conspiracy, interference with contract and intimidation (f) Examination of Trade Disputes Act (in outline).

III. Remedies in Tort: particular attention will be paid to: (a) Damages (b) Effect of death (c) Limitation.

IV. A closer study of certain contract-tort relationships (this, in particular, will be closely linked with aspects of the Contract course).

(a) Effect of statements in contract and tort. Negligent misstatements, collateral contracts, deceit, etc. (See Contract IV.)

(b) Business interests in contract and tort.

(c) Remoteness of damage in contract and tort. (See Contract II.)

(d) A study of the nature of civil liability in modern society. Negligence; strict liability; insurance; state schemes; any foreign schemes worthy of analysis for comparative purposes.

(e) Gaps and defects in the field of contract and tort.

Recommended reading.—As in 392 and 393 above.

Note: Although the teaching of Contract and Tort is combined for Part I, there will be a separate examination paper in each subject.

400. Law of Trusts. Professor Wheatcroft, Dr. Stone, Mr. Cornish and Mr. Whiteman. Forty lectures (day), Michaelmas and Lent Terms. (This course will be given in the evening in the session 1967-68.)

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, legal and equitable 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); P. H. Pettit, *Equity and the Law of Trusts*.

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.

401. English Land Law. Professor Milsom and Dr. Valentine (day), Dr. Valentine and Mr. Whiteman (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 un-registered 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*.

402. Law of Real and Personal Property II. Sessional. (This course will not be given in the session 1966-67.)

For LL.B. Part I (new regulations).

Syllabus.—Freedom of disposition of property: entails and future interests; private trusts; settlements and trusts for sale of land; concurrent interests; perpetuities and accumulations.

Modern functions of the trust: the impact of taxation; charitable trusts.

Freedom of use of property: rights and duties of proprietors; easements, covenants and public rights over property; governmental control; planning; compulsory purchase.

Letting property; hiring personalty; leaseholds; rent control, security of tenure and other limits.

Land titles; private conveyancing; registration of encumbrances; registration of title; the systems compared.

Remedies; actions protecting interests in chattels, land; breach of trust.

Recommended reading.—TEXTBOOKS: G. C. Cheshire, *Modern Law of Real Property*; R. E. Megarry, *Manual of Real Property*; J. Crossley Vaines, *Personal Property*; E. H. T. Snell, *Equity* or G. W. Keeton, *Law of Trusts*; J. A. Nathan, *Equity through the Cases*.

FURTHER REFERENCE: R. E. Megarry and H. W. R. Wade, *Law of Real Property*; J. H. C. Morris and W. B. Leach, *The Rule against Perpetuities*; F. H. Lawson, *The Law of Property*; K. De Schweinitz, *England's Road to Social Security*; W. H. Beveridge, *Voluntary Action*; Audrey Harvey, *Tenants in Danger*; Stuart-Brown, *Introduction to the Law of Town and Country Planning*; G. W. Keeton, *Social Change in the Law of Trusts*; D. W. M. Walters, *The Constructive Trust*; G. H. Curtiss and T. B. F. Ruoff, *Registered Conveyancing*.

Students should consult the latest editions of these books.

403. Public Law II. Sessional. (This course will not be given in session 1966-67.)

For LL.B. Part I (new regulations).

Syllabus.—Jurisprudential problems of public law. The concepts of parliamentary sovereignty and the rule of law. The nature of conventions. The categories of power: legislative, judicial, administrative.

Judicial review of administrative action.

Legal liability of the Crown and other public authorities.

Civil liberties. Constitutional position of police. Extradition, deportation and the status of aliens and Commonwealth citizens. Emergency powers.

Legal and conventional aspects of Commonwealth relations.

Recommended reading.—As for Public Law I, with the addition of the following for FURTHER READING AND REFERENCE: J. D. B. Mitchell, *Constitutional Law*; H. Street, *Freedom, the Individual and the Law*; D. Williams, *Not in the Public Interest*; S. A. de Smith, *Judicial Review of Administrative Action*; *The New Commonwealth and its Constitutions* (chap. I); H. W. R. Wade, *Administrative Law*; J. F. Garner, *Administrative Law*; D. C. N. Yardley, *A Source Book of English Administrative Law*; I. Zamir, *The Declaratory Judgment*; A. Rubinstein, *Jurisdiction and Illegality*; K. C. Wheare, *Constitutional Structure of the Commonwealth*; G. Marshall, *Police and Government*.

Students should consult the latest editions of these books.

404. Law and Social Policy. Sessional. (This course will not be given in the session 1966-67.)

For LL.B. Part I (new regulations).

Syllabus.—I. The characteristics of contemporary English society: its urban and industrial nature; its political and economic assumptions; its social stratification and employment structure; its moral and religious foundations. The effects of these characteristics and of international influences on the shaping of English Law.

II. Social policy and private rights and interests: property rights and housing legislation; contractual rights in relation to standard clauses, restrictive trade practices, hire purchase agreements and contracts of employment; prostitution and homosexuality; race relations: freedom of expression and the law of defamation; the rules governing contempt of court and censorship; the use of the highway; a comparison of the purposes and effects of (a) civil liability and compensation for road accidents, and insurance; (b) the law relating to driving and traffic offences; (c) the Buchanan report on Traffic in Towns.

Note: The content of the course may be changed from time to time.

405. Jurisprudence and Legal Theory. Mr. Jacobs. Fifty lectures (day). Mr. Irvine. Twenty-five lectures of one-and-a-half hours (evening), Sessional.

For LL.B. Part II.

Syllabus.—Theories of the nature and basis of law; the law of nature and natural rights; law and ethics; law and fact; sovereignty and the imperative theory; individual and social utilitarianism; legal positivism; analytical theory and the pure theory of law; the historical schools and customary law; sociological theories and theories of interests; economic interpretations and Marxist theory; legal realism, American and Scandinavian.

Critical study of the English rules of custom, precedent and the interpretation of statutes. The judicial process and the theory of precedent and of the *ratio decidendi*. Comparison of common law and civil law approaches. Codification and its effects. Analysis, evaluation and judicial treatment of the concepts of legal personality, rights and duties. The impact of legal theory upon the foregoing.

Recommended reading.—BASIC TEXT-BOOKS: D. Lloyd, *Introduction to Jurisprudence* (2nd edn., 1965); C. K. Allen, *Law in the Making* (7th edn., 1964).

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.); A. G. Guest (Ed.), *Oxford Essays in Jurisprudence*.

406. Principles of the Law of Evidence. Mr. Dean. Fifty lectures (day). Lecturer to be announced. Twenty-five lectures of one-and-a-half hours each (evening), 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*.

407. English Administrative Law. Professor Griffith and Mr. McAuslan. 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* (3rd edn. 1965); W. O. Hart, *Introduction to the Law of Local Government and Administration* (7th edn. 1962); C. A. Cross, *Principles of Local Government Law* (2nd edn. 1962); 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.); A. Rubinstein, *Jurisdiction and Illegality*.

GOVERNMENT PUBLICATIONS: Reports of Select Committee on Nationalised Industries; 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*.

408. 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.

409. Public International Law. Mr. Thornberry. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II; B.Sc. (Econ.) Part I—alternative subject 14 *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*.

410. Conflict of Laws. Mr. Lazar and Dr. Mann. Thirty-five lectures, 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* (7th edn.); R. H. Graveson, *Conflict of Laws* (5th edn.); J. H. C. Morris, *Cases on Private International Law* (3rd edn.), or P. R. H. Webb and D. J. L. Brown, *A Casebook on the Conflict of Laws*.

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.).

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*.

411. Succession, Testate and Intestate. Dr. Stone. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus.—Wills: outline of the history of Wills and powers of testamentary disposition; nature of Wills and Codicils; capacity to make Wills; making and revocation of Wills; appointment of executors; probate (in outline only); construction of Wills.

Intestate Succession: outline of the history of the rules of inheritance and succession on intestacy; modern rules of succession; rules as to grant of administration (in outline only).

Devolution of Property on Executors and Administrators: powers of personal representatives. Administration of assets of solvent and insolvent estates.

[Note.—While candidates must show acquaintance with such practical matters as the making of Wills, the elements of probate practice and of the practice governing the grant of letters of administration, emphasis will be laid, in the examination, on the general principles of law governing the subject.]

Recommended reading.—

The latest editions of all books should be used.

TEXT-BOOKS: D. Hughes Parry, *The Law of Succession*; S. J. Bailey, *The Law of Wills*.
FOR REFERENCE: T. Jarman, *A Treatise on Wills*; E. V. Williams, *A Treatise on the Law of Executors and Administrators*; H. S. Theobald, *The Law of Wills*.

412. Mercantile Law—Agency and Sales and Other Dispositions of Goods. Mr. Downey. Forty lectures (day), twenty lectures of one-and-a-half hours (evening), 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, 1893*; 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.]

413. Industrial Law. Professor Wedderburn and others. Twenty-five lectures (day). Mr. Cornish. Twenty lectures of one-and-a-half hours (evening), Michaelmas and Lent Terms.

For LL.B. Part II and M.Sc.—Industrial Relations.

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. Contracts of Employment Act, 1963. Termination of the contract. Redundancy Payments Act, 1965. 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. Compensation for injured employees.

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 Acts, 1906 and 1965.

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: K. W. Wedderburn, *The Worker and the Law*; U.K. Ministry of Labour, *Evidence to Royal Commission on Trade Unions, 1965*; W. Mansfield Cooper and J. Wood, *Outlines of Industrial Law*; 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*; O. Kahn-Freund (Ed.), *Labour Relations and the Law*; F. R. Batt, *The Law of Master and Servant*; F. Tillyard, *The Worker and the State*; G. H. L. Fridman, *Modern Law of Employment*; 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*; E. Jenkins (Ed.), *Digest of Decisions of the Commissioner under the National Insurance Acts*; 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.

414. Law of Domestic Relations. Dr. Stone and Mrs. Aikin.
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 and possessory rights in property. 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 (Curtis Committee), Cmd. 6922.

Courses intended primarily for B.Sc. (Econ.) students

415. English Legal Institutions. Mr. Zander 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 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. 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: 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.

416. Elements of Commercial Law A—Contract. Mr. Harris (day) and Mr. Cornish (evening). Fourteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Commercial Law*, I 3f; III 3f; IV 6, 7 and 8f; V 6; *Labour, including Law of Labour and of Social Insurance*, IV 6, 7 and 8e (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*; G. C. Cheshire and C. H. Fifoot, *Law of Contract*.

Students should always use the latest editions of the above books.

417. Elements of Commercial Law B—Agency. Mrs. Reid.
Six lectures, Lent Term. (This course will be given in the day and in the evening.)

For B.Sc. (Econ.) Part II—*Commercial Law*, I 3f; III 3f; IV 6, 7 and 8f; 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-à-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.

418. 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—*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*; J. Charlesworth, *Company Law*.

FOR REFERENCE: R. R. Pennington, *The Principles of Company Law*.

Students should consult the latest editions of these books.

419. Elements of Commercial Law D—Sale of Goods. Mr. Harris (day) and Mr. Downey (evening). Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Commercial Law*, IV 7; 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 Course No. 420.)

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 Act, 1893*; Final Report of the Committee on Consumer Protection, 1962 (Cmd. 1781) Parts I and IV.

Students should consult the latest editions of these books.

420. Elements of Commercial Law E—Income and Capital Taxation of Individuals and Corporations. Mr. Lazar. Eight lectures, Summer Term (Second Year). Four lectures, Lent Term (Third Year).

For B.Sc. (Econ.) Part II—*Commercial Law*, V 6; optional for I 3f; III 3f. (Students specialising in Economics, Analytical and Descriptive, or in Monetary Economics should take either this course or Course No. 419.)

Syllabus.—General outline of Income Tax and Surtax, Corporation Tax and Capital Gains Tax; the basis of taxation of individuals and of companies; the Schedules and their effect with particular reference to Cases I, II and VII 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* or B. Pinson, *Revenue Law*.

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.

421. Law of Labour and of Social Insurance. Mrs. Aikin. Twenty-five lectures, Michaelmas and Lent Terms.

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

422. Constitutional and Administrative Law. Professor de Smith and Mr. Leigh. Thirty lectures (day).

For B.Sc. (Econ.) Part II—*Constitutional and Administrative Law*, III 3c; 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.

423. 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.

424. 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*.

425. 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. 409.—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
390(A). English Legal System	LL.B. Intermediate
391(A). Public Law I	LL.B. Intermediate
392(A). Law of Contract I	LL.B. Intermediate
393(A). Law of Tort I	LL.B. Intermediate
394(A). Law of Real and Personal Property I	LL.B. Intermediate
395(A). Criminal Law (old regulations)	LL.B. Part I
396(A). Criminal Law (new regulations)	LL.B. Part I
398(A). Law of Tort (old regulations)	LL.B. Part I
399(A). Law of Contract and Tort (new regulations)	LL.B. Part I
400(A). Law of Trusts (old regulations)	LL.B. Part I
401(A). English Land Law (old regulations)	LL.B. Part I
402(A). Law of Real and Personal Property II (new regulations)	LL.B. Part I
403(A). Public Law II (new regulations)	LL.B. Part I
405(A). Jurisprudence	LL.B. Part II
406(A). Law of Evidence	LL.B. Part I or II
407(A). English Administrative Law	LL.B. Part I or II
408(A). History of English Law	LL.B. Part II
409(A). Public International Law	LL.B. Part II and B.Sc. (Econ.) Part I and II
410(A). Conflict of Laws	LL.B. Part II
411(A). Succession	LL.B. Part II
412(A). Mercantile Law	LL.B. Part II
413(A). Industrial Law	LL.B. Part II
414(A). Law of Domestic Relations	LL.B. Part II
415(A). English Legal Institutions	B.Sc. (Econ.) Part I
416(A). Elements of Commercial Law	B.Sc. (Econ.) Part II

Subject	Degrees for which classes are intended
421(A). Law of Labour and of Social Insurance	B.Sc. (Econ.) Part II
422(A). Constitutional and Administrative Law	B.Sc. (Econ.) Part II
427. African Law	LL.B. Part I or 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.

430. **Company Law.** Professor Wedderburn, Mr. Leigh and Mr. Irvine.

Syllabus.—Meaning of Corporate Personality and distinction between incorporated and unincorporated associations.

The nature, types and functions of companies. Historical development of the modern business company. The consequences of incorporation and its practical advantages and disadvantages. The corporate entity principle and exceptions to it. The *ultra vires* doctrine and the concept of capital. The company's organs and agents and the liability of the company for their acts. Formation and flotation of companies.

The nature and classification of company securities. Shares and debentures. Publicity. Meetings and resolutions. Powers of the general meeting. Minority protection. The duties of directors and of the controlling majority and the enforcement of these duties. Reconstructions and amalgamations. Liquidation (in outline only).

Recommended Reading.—J. A. Hornby, *An Introduction to Company Law*; L. C. B. Gower, *The Principles of Modern Company Law*; Report of the Company Law Committee (Jenkins Report) (Cmd. 1749); J. Charlesworth, *Company Law*.

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*; L. Loss, *Securities Regulation*; 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); K. W. Wedderburn, *Company Law Reform*; M. Fogarty, *Company and Corporation—One Law?*; 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 and (1965) 28 M.L.R. 347; 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 (1969) and *Shareholders' Rights and Company Control* (1965) 81 L.Q.R. 248; B. H. McPherson, *Winding Up on the 'Just and Equitable' Ground* (1964), 27 M.L.R. 282; A. Boyle, *Minority Shareholders in the Nineteenth Century* (1965) 28 M.L.R. 317; K. W. Wedderburn, *Corporate Personality and Social Policy: the Quasi-Corporation* (1965) 28 M.L.R. 62.

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.

431. 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: P. H. Lane, *Some Principles and Sources of Australian Constitutional Law*; W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia*; G. Sawyer, *Cases on the Constitution of the Commonwealth of Australia*; *Australian Government Today*; J. D. B. Miller, *Australian Government and Politics*; R. Else-Mitchell (Ed.), *Essays on the Australian Constitution*; G. Sawyer and others, *Federalism in Australia*.

Students will also need to refer to articles on Canadian and Australian constitutional law which have been published in legal periodicals, particularly in *The Canadian Bar Review* and *The Australian Law Journal*.

India: C. H. Alexandrowicz, *Constitutional Developments in India*; A. Gledhill, *The Republic of India, the Development of its Laws and Constitution*, chaps. 1-11; A. Gledhill, *Fundamental Rights in India*; W. I. Jennings, *Some Characteristics of the Indian Constitution*; D. D. Basu, *Commentary on the Constitution of India*; D. D. Basu, *Cases on the Constitution of India* (1950-1951); D. D. Basu, *Cases on the Constitution of India* (1952-1954); M. P. Jain, *Indian Constitutional Law*.

FURTHER READING.—Halsbury, *Laws of England*, Vol. 5, paras. 1021-1026; W. I. Jennings, *The Commonwealth in Asia*; V. V. Chitaley and S. Appu Rao, *The Constitution of India*; A. S. Chaudhri, *Constitutional Rights and Limitations*.

Students should also refer to articles on Indian constitutional law in *The International and Comparative Law Quarterly*, *The Indian Law Review*, *The Indian Year Book of International Affairs* and *All India Reporter*.

Pakistan: *The Montague-Chelmsford Report*; The Government of India Act, 1935, as amended up to date in its application to Pakistan; 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. Shafiq, *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.

432. International Economic Law. Professor Schwarzenberger (U.C.), Mr. Austin (U.C.) and Mr. Lazar.

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.

433. 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*; L. M. Goodrich and E. Hambro, *The Charter of the United Nations*; S. S. Goodspeed, *The Nature and Function 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: A Study of World Society* (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*; B. Boutros-Ghali, *The Addis Ababa Charter*; D. W. Bowett, *United Nations Forces*; G. Modelski et al., *SEATO*; R. Higgins, *The Development of International Law through the Political Organs of the U.N.*; Ann Van Wynen Thomas and A. J. Thomas, Jr., *The Organisation of American States*; United Nations, *Repertory of Practice of United Nations Organs and Supplements*; *Repertoire of Practice of The Security Council, 1946-1951, and Supplements*.

Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of Inter-*

national Law; United Nations, *Monthly Chronicle*; *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*.

434. 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.

435. Mercantile Law. Professor Diamond. Classes for selected students, Summer Term.

Students who are taking Mercantile Law should attend Professor Ivamy's seminar at University College (Course No. 466).

436. 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 1967: Family law. Marriage, matrimonial causes, legitimacy, legitimation, adoption, guardianship, matrimonial property, bankruptcy.

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.

437. Criminology. Mr. Hall Williams 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*; H. Mannheim, *Comparative Criminology*.

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.

438. 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; G. Schwarzenberger, *International Law*; *International Law as Applied by International Courts and Tribunals*, Vol. I (with special reference to Chaps. 13, 19 and 20); M. S. McDougal and W. T. Burke, *The Public Order of the Oceans*; H. A. Smith, *The Law and Custom of the Sea*.

Further reading.—Lord Chorley and O. C. Giles, *Shipping Law* (with special reference to Part I, The Ship); C. J. Colombos, *The Law of Prize*; T. W. Fulton, *The Sovereignty of the Sea*; 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 of the U.N., *Relevant Summary Records, Documents and Year-books*; W. R. Kennedy, *The Law of Civil Salvage*; R. G. Marsden, *Collisions at Sea*; M. W. Mouton, *The Continental Shelf* (*Recueil*, Hague Academy, Vol. 85); Report on the First United Nations Conference on the Law of the Sea (Cmnd. 584); British Institute of Inter-

national and Comparative Law, Special Publication No. 6 (1965), *Developments in the Law of the Sea 1958-1964*; R. R. Baxter, *The Law of International Waterways*; B. A. Boczek, *Flags of Convenience*.

Students should consult the latest editions of these books.

439. Constitutional Laws of the Commonwealth, II (other than Canada, Australia, India and Pakistan). Professor de Smith, Mr. Park and Mr. McAuslan.

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.

440. 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*; G. H. Treitel, *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, *Law of Restitution*; 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.

441. Comparative Criminal Law and Procedure. Mr. Hall Williams and Mr. D. A. Thomas.

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 1966-67: to be announced.

Recommended reading will be given during the course.

442. The Law of Personal Taxation. Professor Wheatcroft and Mr. Lazar.

Syllabus.—The general structure and administration of Income Tax, Surtax and Capital Gains Tax and the rules as to residence and ordinary residence of individuals and trustees for tax purposes.

The definition, ascertainment and computation of income for tax purposes (excluding Cases I and II of Schedule D and Case V in relation to business profits) and the deductions and allowances (excluding capital allowances and loss relief) which may be set against income.

The rules for applying Income Tax and Surtax to individuals, the reliefs accorded to individuals (double tax relief in outline only) and the tax treatment of married women. The rules for applying Income Tax and Surtax to income from trusts and estates.

The provisions relating to Income Tax and Surtax in respect of pensions and pension contributions (S.379 and S.388 schemes in outline only).

The definition, ascertainment and computation of chargeable gains and losses for Capital Gains Tax and the rules for applying Capital Gains Tax to individuals, estates and trusts.

Recommended reading.—TEXT-BOOKS; G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* with latest supplement (excluding chapters 4, 5, 6, 12 and 13); *Capital Gains Tax*. Alternatively, students may use Vol. 1 of the *British Tax Encyclopedia* (loose leaf), which contains later revisions of the material in both books.

GENERAL READING: Latest Report of Commissioners of Inland Revenue; C. N. Beattie, *Elements of the Law of Income and Capital Gains Taxation*; B. Pinson, *Revenue Law*.

FOR REFERENCE; Butterworth's *Income Tax Handbook*; *British Tax Encyclopedia*, Vols. 2-5.

Candidates will be supplied in the examination room with copies of Butterworth's *Income Tax Handbook* (edition current on 1 January of the year in which the examination is held).

443. The Law of Business Taxation. Professor Wheatcroft and Mr. Park.

Syllabus.—The general structure and administration of Income Tax, Surtax, Capital Gains Tax and Corporation Tax: the rules as to residence of companies and partnerships, for tax purposes.

The definition, ascertainment and computation of income under Cases I and II of Schedule D and Case V in relation to business profits and the deduction and allowances (including capital allowances and loss relief) which may be set against such income. The definition, ascertainment and computation of other types of income (in outline only).

The definition, ascertainment and computation of capital gains (in outline) and the special provisions of capital gains tax relating to business assets.

The rules for applying Income Tax, Surtax and Capital Gains Tax to partnerships and sole traders and for applying Corporation Tax to companies. The provisions of Schedule F in relation to companies.

Double tax relief in relation to business income and its relation to companies, partnerships and sole traders. The tax treatment of pensions and pension contributions in relation to trades and professions (including S.379 and S.388 schemes).

The tax treatment of close companies, groups of companies, reconstructions, amalgamations and the problems raised by legislation relating to dividend stripping and transactions in securities.

Recommended reading.—TEXT-BOOKS: G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* with latest supplement (excluding chapters 1-3, 7, 9, 10 and 11) and either P. M. B. Rowland and J. E. Talbot, *Corporation Tax* or C. N. Beattie, *Corporation Tax*. Alternatively, students may use Vol. 1 of the *British Tax Encyclopedia* (loose leaf) which contains later revisions of "The Law of Income Tax, Surtax and Profits Tax" together with a section on Corporation Tax.

GENERAL READING: Latest Report of Commissioners of Inland Revenue; C. N. Beattie, *The Elements of the Law of Income and Capital Gains Taxation*.

FOR REFERENCE: Butterworth's *Income Tax Handbook*; *British Tax Encyclopedia*, Vols. 2-5.

Candidates will be supplied in the examination room with copies of Butterworth's *Income Tax Handbook* (edition current on 1 January of the year in which the examination is held).

444. Law of Estate Planning. Professor Wheatcroft and Professor Crane (Q.M.C.).

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. Prideaux, *Precedents in Conveyancing*, relevant preliminary notes and precedents; R. E. Megarry and H. W. R. Wade, *The Law of Real Property*, relevant portions; or A. Gibson, *Conveyancing*, relevant portions.

FURTHER READING AND REFERENCE: D. C. Potter and H. H. Monroe, *Tax Planning and Precedents*; *Encyclopaedia of Forms and Precedents*, relevant preliminary notes and precedents; C. N. Beattie, *The Elements of Income Tax*; J. G. Monroe, *Stamp Duties*; B. Pinson, *Revenue Law*; G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* (also published as Vol I of the *British Tax Encyclopedia*).

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*.

445. 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.

446. Monopoly, Competition and the Law. Mrs. Korah (U.C.) and Professor Yamey.

Syllabus.—The Common Law. The Restrictive Trade Practices Act, 1956, Part I: registration, enforcement and avoidance; the criteria of the public interest; the justiciability of the issues before the Restrictive Practices Court; analysis of the main decisions of the Court.

The Monopolies Commission: single-firm monopolies; control of mergers; the problem of non-collusive oligopoly; an analysis of selected reports of the Commission.

Resale price maintenance: the enforcement of resale price maintenance under the Act of 1956; the control of resale price maintenance under the Resale Prices Act, 1964.

Recommended reading.—J. Lever, *The Law of Restrictive Trade Practices and Resale Price Maintenance*; A. Hunter, *Competition and the Law*; R. B. Stevens and B. S. Yamey, *The Restrictive Practices Court*; *The Judicial Process and Economic Policy*; B. S. Yamey (Ed.), *Resale Price Maintenance*, especially chaps. 1 and 8.

Further references will be given at the beginning of the course, including references to legal developments in the United States of America and the Common Market.

447. 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.

448. 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.

For graduate students in the Law Department and M.Sc.—Public Finance, III 3 (iii) (Final Year).

Syllabus.—The seminar will discuss the legal, accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

449. 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.

450. Advanced International Law. Professor Johnson will hold seminars in the Lent and Summer Terms for LL.M. students.

(b) The following seminars are taken by members
of the staff of other colleges

Subject	Lecturer
451. Jurisprudence and Legal Theory	Professor Lord Lloyd, Professor Graveson.
452. Comparative Law of Contract in Roman and English Law	Mr. Morrison.
453. Muhammadan Law	Professor Anderson, Mr. Coulson.
454. Hindu Law	Professor Derrett.
455. Law of Landlord and Tenant	Professor Kiralfy.
456. Planning Law	Mr. Knight.
457. Air Law	Dr. Cheng, Mr. Austin.
458. International Law of War and Neutrality	Colonel Draper.
459. African Law	Dr. Allott.
460. Law of Mortgages and Charities	Professor Keeton, Professor Ryder.
461. History of International Law	Professor Schwarzen- berger, Mr. Parkinson.
462. The Principles of Civil Litigation	Master Jacob.
463. Comparative European Law	Professor Kiralfy, Mr. Chloros.
464. Methods and Sources of Inter- national Law	Dr. Cheng.
465. Sociology of International Law	Dr. Jacobi, Mr. Parkinson.
466. Mercantile Law	Professor Ivamy.

PHILOSOPHY, LOGIC AND SCIENTIFIC
METHOD

PHILOSOPHY, LOGIC AND SCIENTIFIC METHOD

470. 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 Year). Recommended as a preparation for Courses Nos. 471 and 483.

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.—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?*; K. R. Popper, "The Aim of Science" (*Ratio*, 1957). 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).

BACKGROUND READING: A. E. E. McKenzie, *The Major Achievements of Science*; G. Holton and G. H. D. Roller, *The Foundations of Modern Physical Science*; 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*.

470(A). Introduction to Scientific Method Class. Mr. Miller will hold a fortnightly class for B.Sc. (Econ.) Part I students in conjunction with Course No. 470 in the Michaelmas and Lent Terms.

471. Scientific Method. Professor Sir Karl Popper and Dr. Lakatos. 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 (Second or Third Year); *Philosophy and History of Science*, XVI 3b and 8b; *Logic and Methodology*, XVI 5 (Third Year); B.A. Honours in Philosophy and Economics (Second or Third Year); M.Sc.—*Advanced Scientific Method*, XII (Logic) 2 (v); XII (Scientific Method) 1. For M.Sc.—*Operational Research Methods*, XI 4(i); Diploma in Operational Research (Michaelmas Term only).

Students who have not attended either Course No. 472, "Introduction to Logic", or Course No. 470, "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, *Foundations of Inference in Natural Science*; N. R. Campbell, *What is Science?*; H. Feigl and M. Brodbeck (Ed.), *Readings in the Philosophy of Science*; M. Mandelbaum, *Philosophy, Science and Sense Perception*. 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*; T. S. Kuhn, *The Structure of Scientific Revolutions*. 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*.

471(A). Scientific Method Class. Mr. Miller will hold a fortnightly class in conjunction with Course No. 471 in the Michaelmas and Lent Terms for B.Sc. (Econ.) Part II students.

472. 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 Year); M.Sc.—*Elements of Mathematical Logic*, XII (Scientific Method) 2 iii.

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.—W. V. O. Quine, *Elementary Logic*; I. Lakatos, "Infinite Regress and the Foundations of Mathematics" (*Arist. Soc. Suppl.* Vol. 1962); K. R. Popper,

"Logic Without Assumptions" (*Proc. Arist. Soc.*, 1946-47); P. H. Nidditch, *The Development of Mathematical 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*.

472(A). Logic Class. Mr. Findlay will hold a fortnightly class for B.Sc. (Econ.) Part I students in conjunction with Course No. 472 in the Michaelmas and Lent Terms.

473. History of Modern Philosophy. Professor Watkins. Twenty-five lectures of two hours, Sessional.

For B.A. Honours in Philosophy and Economics (First Year; optional for Second Year); B.Sc. (Econ.) Part II—*History of Modern Philosophy*, XVI 6 (Second Year; optional for Third Year); M.Sc.—*History of Epistemology*, XII (Logic) 2 (vi); XII (Scientific Method) 2 (i).

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).

COLLECTIONS: R. H. Popkin (Ed.), *The Philosophy of the 16th and 17th Centuries*; L. W. Beck (Ed.), *18th-Century Philosophy*.

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*; M. Mandelbaum, *Philosophy, Science and Sense-Preception*.

474. Epistemology. Dr. Wisdom. (This course will not be given in the session 1966-67.)

For B.Sc. (Econ.) Part II—*Epistemology and Metaphysics*, XVI 7; B.A. Honours in Philosophy and Economics (Second Year).

475. Philosophy of Social Knowledge. Dr. Wisdom. (This course will not be given in the session 1966-67.)

For B.Sc. (Econ.) Part II—*Philosophy of Social Knowledge*, XVI 8a; B.A. Honours in Philosophy and Economics (Second and Third Years); M.Sc.—*Methodology of the Social Sciences*, XII (Scientific Method) 2 (vi).

476. Philosophy of Mathematics. Dr. Lakatos. Ten lectures and ten classes, Lent Term.

For B.Sc. (Econ.) Part II—*Mathematical Logic*, X 6 and 7 f; XI 6 and 7 f; XVI 4b (Third Year); M.Sc.—*Mathematical Logic*, XII (Logic) 1; *Elements of Mathematical Logic*, XII (Scientific Method) 2 (iii).

477. Metaphysics. Professor 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 Year); optional for M.Sc.—*Advanced Scientific Method* XII (Logic) 2 (v); XII (Scientific Method) 1; *History of Epistemology*, XII (Logic) 2 (vi); XII (Scientific Method) 2 (i).

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 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*.

478. Moral and Political Philosophy. Professor Watkins. Ten lectures. Michaelmas Term.

For B.Sc. (Econ.) Part II—*Moral and Political Philosophy*, XVI 4a; *Political Philosophy*, VIII 8a; B.A. (Philosophy and Economics) (Second and Third Years).

478(A). A fortnightly class will be held in connection with Course No. 478 in the Michaelmas and Lent Terms for third-year students.

Syllabus.—Moral autonomy and the problem of ethical subjectivism. Theories of

human freedom. The significance of language for political philosophy (with special reference to Hobbes).

Recommended reading.—Immanuel Kant, *The Moral Law* (tr. H. J. Paton); A. N. Prior, *Logic and the Basis of Ethics*; R. M. Hare, *Freedom and Reason*; K. R. Popper, *The Open Society and its Enemies*; J. W. N. Watkins, *Hobbes's System of Ideas*.

479. Topics in Logic and Scientific Method. Dr. Lakatos. Five lectures and five classes, Michaelmas Term. (This course will not be given in the session 1966-67.)

For M.Sc.—*Advanced Scientific Method*, XII (Scientific Method) 1, XII (Logic) 2 (v); M.Sc. and Diploma in Operational Research.

480. Incompleteness and Computability. Professor Kilmister. Four lectures and four classes, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Mathematical Logic*, X 6 and 7 f; XI 6 and 7 f; XVI 4 b (Third Year); M.Sc.—*Elements of Mathematical Logic*, XII (Scientific Method) 2 (iii); *Mathematical Logic*, XII (Logic) 1.

Syllabus.—A sketch of the general ideas behind Gödel's incompleteness theorem, followed by a detailed proof of the theorem. The equivalence of decidability and computability, with some consideration of Turing machines.

481. Selected Topics in the History of Science. Mr. Findlay. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Philosophy and History of Science*, XVI, 3b and 8b; B.A. (Philosophy and Economics) (Second and Third Years); M.Sc.—*Selected Topics in the History of Science*, XII (Logic) 2 (vii); XII (Scientific Method) 2 (v).

SEMINARS

483. 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 M.Sc. and other graduate students.

484. Scientific Method and History of Epistemology. Professor Watkins will hold a weekly seminar in the Michaelmas and Lent Terms for students taking M.Sc. in Logic or Scientific Method.

485. Logic and Probability. Dr. Lakatos will hold a fortnightly seminar in the Michaelmas and Lent Terms for all students taking M.Sc. in Logic or Scientific Method.

486. Philosophical Problems. Professor Watkins and Mr. Musgrave will hold a weekly seminar in the Michaelmas and Lent Terms for third-year students taking Philosophy in Part II of the B.Sc. (Econ.) degree and for B.A. Honours in Philosophy and Economics (Third Year).

487. **Philosophy of the Social Sciences.** A seminar of one-and-a-half hours will be held fortnightly throughout the session by Dr. Corry, Mr. Klappholz and Mr. Musgrave for B.A. Honours in Philosophy and Economics and for B.Sc. (Econ.) Part II, *Philosophy of Social Knowledge*, XVI 8a (Second and Third Years); *Scientific Method*, I 3a (Third Year); M.Sc.—*Methodology of the Social Sciences* XII (Scientific Method) 2 vi.

Classes

489. **Philosophy I.** Mr. Musgrave will hold a class throughout the session for first-year students reading for the B.A. degree with honours in Philosophy and Economics.
490. **Philosophy II.** Mr. Miller will hold a class throughout the session for second-year students reading for the B.A. degree with honours in Philosophy and Economics.
491. **Philosophy III.** (This course will not be given in the session 1966-67.)
492. **Mathematical Logic.** Dr. Lakatos will hold a class in the Michaelmas and Lent Terms for B.Sc. (Econ.) Part II—*Mathematical Logic*, X 6 and 7f; XVI 4b (Second and Third Years); XI 2b (Second Year); XI 6 and 7f (Third Year).
493. **Philosophy and History of Science.** Mr. Findlay will hold a class in the Michaelmas and Lent Terms for B.Sc. (Econ.) Part II—*Philosophy and History of Science*, XVI 3b (Second Year).
494. **Philosophy of Logic and Mathematics.** Mr. Sluga (University College). Michaelmas and Lent Terms. For B.A. Honours in Philosophy and Economics (Third Year).

Students are also referred to:—

- No. 590.—**Political Thought (Texts).**
 No. 913.—**Set Theory I.**
 No. 914.—**Set Theory II.**
 No. 957.—**Theory of Algorithms.**

POLITICAL STUDIES

	Page
International Relations	447
Politics and Public Administration	459

INTERNATIONAL RELATIONS

500. Structure of International Society. Mr. James, twenty lectures, Michaelmas and Lent Terms.

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). Members of the Department (day), Mr. Windsor (evening), fortnightly, 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 (day), Mr. M. H. Banks (evening). Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—special subject of International Relations (Second Year); *International Politics*, XIV 3b; the Foreign Service Course; M.Sc.—*International Politics X 1* 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*; F. H. Hinsley, *Power and the Pursuit of Peace*; 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*;

I. Claude, *Power and International Relations*; 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*.

502 (A). International Politics (Class). Classes will be held weekly in the second five weeks of the Michaelmas Term and in the first five weeks of the Lent Term by Dr. Northedge, Mr. M. H. Banks and Dr. Lyon. An evening class will be held fortnightly in the Michaelmas and Lent Terms by Mr. M. H. Banks for third-year students taking the special subject of International Relations.

502 (B). Structure of International Society II (Class). A class will be held weekly in the Michaelmas Term and in the first five weeks of the Lent Term by Mr. G. H. Stern.

For B.Sc. (Econ.) Part II—*International Politics*, XIV 3(b) (Third Year).

503. Foreign Policy Analysis. Mr. Donelan (day). Dr. Bell (evening). Ten lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Foreign Policy Analysis*, XII 6 (Second Year); the Foreign Service Course; M.Sc. International Relations and other graduate students. The evening course will be for third-year undergraduate 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 B.Sc. (Econ.) Part II—*Foreign Policy Analysis*, XII 6 (Second Year); M.Sc.—*Foreign Policies of the Powers*, X 3; the Foreign Service Course and other graduate students. The evening course will be for third-year undergraduate students.

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, and the German Federal Republic will be considered in the Session 1966-67.

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) WEST GERMANY: H. Speier (Ed.), *West German Leadership and Foreign Policy*; R. Hiscocks, *Democracy in Western Germany*; A. Grosser, *Western Germany*; K. Deutsch and L. Edinger, *Germany Rejoins the Powers*; G. Freund, *Germany between Two Worlds*; H. Plessner, *Die verspätete Nation*.

504 (A). Foreign Policy Analysis (Class). Classes will be held weekly in the last five weeks of the Lent Term and in the first five weeks of the Summer Term by Mr. Donelan, Dr. Bell and Mr. G. H. Stern. An evening class will be held fortnightly in the Lent and Summer Terms by Dr. Bell.

505. The International Relations of Southern Asia. Dr. Lyon. Ten lectures, Michaelmas Term.

For M.Sc.—*International Politics of Southern Asia*, X 2, and other graduate students.

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*; B. Gordon, *The Dimensions of Conflict in South-East Asia*; G. A. Modelski (Ed.), *SEATO, Six Studies*; R.I.I.A., *Collective Defence in South-East Asia*; G. M. Kahin (Ed.), *Government and Politics of South-East Asia*; G. M. Kahin (Ed.), *Major Governments of Asia*; S. Rose (Ed.), *Politics in Southern Asia*; 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. International Institutions. Professor Goodwin, fifteen lectures (day), Michaelmas and Lent Terms. Mr. Taylor, fifteen lectures, fortnightly (evening). Sessional.

For B.Sc. (Econ.) Part II—*International Institutions*, VIII 3c; XII 7 (Second Year); XII 6 (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.

507. Theories of International Institutional Co-operation. Professor Goodwin. Ten lectures (day), Lent and Summer Terms.

For M.Sc.—*International Institutions*, X 4 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. 506.

508. 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, Mr. James and Mr. Taylor for B.Sc. (Econ.) Part II—*International Institutions*, VIII 3c (Second Year); XII 6; XIV 8a (Third Year).

An evening class will be held by Mr. Taylor fortnightly throughout the session for fourth-year students.

509. Diplomatic Methods and Procedures. Lecturer to be announced. Five lectures, Michaelmas Term.

For the Foreign Service Course.

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).

510. International Communism. Mr. G. H. Stern. Fifteen lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—*International Institutions*, VIII 3c; XII 6; XIV 8a; M.Sc.—*International Institutions*, X 4 and other graduate students.

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, II and III; 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. Warth, *Soviet Russia in World Politics*; D. S. Zagoria, *The Sino-Soviet Conflict*.

Note: Courses 511-525 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.

511. The Politics of International Economic Relations. 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*.

511(A). The Economic Factor in International Relations (Class).

A class will be held weekly in the Lent Term by Mr. Donelan and Mr. Mayall for B.Sc. (Econ.) Part II—*The Politics of International Economic Relations*, XII 7 and 8a (Third Year).

512. Theory and Practice of War from the Eighteenth Century to the Second World War. Mr. Bond (King's College). Twenty-five lectures, Sessional.

For M.Sc.—*Strategic Studies*, X 7 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.

512(A). Strategic Thought from Clausewitz to Douhet. A class will be held weekly in the Michaelmas Term by Mr. Bond (King's College) for M.Sc.—*Strategic Studies*, X 7 and M.A. (War Studies).**513. 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*, X 7 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*.

514. War and Crisis in International Relations. Dr. Bell. Ten lectures, Michaelmas Term.

For M.Sc.—*International Politics*, X 1 and M.A. (War Studies) and other students interested.

Syllabus.—This course will examine the causes and the occasions of war, the nature and management of international crises, diplomacy during hostilities, efforts at the control and prevention of war, and the effects of war on the society of states.

Recommended reading.—H. Kahn, *On Escalation*; K. Waltz, *Man, the State and War*; Q. Wright, *A Study of War*; J. W. Spanier and J. L. Noguee, *The Politics of Disarmament*; H. S. Dinerstein, *War and the Soviet Union*; S. J. Deitchman, *Limited War and American*

Defense Policy; D. Bobrow, *Components of Defence Policy*; H. Kissinger, *The Necessity for Choice*; D. J. Hekhuis, McClintock and Burns, *International Stability*; J. U. Nef, *War and Human Progress*; R. Higgins, *Conflicts of Interest*; T. Schelling, *Strategy of Conflict*; R. Aron, *Peace and War Among Nations*; R. Tucker, *The Just War*.

515. The Development of National Security Policy in the United States since 1945. Professor Howard (King's College). Ten lectures, Michaelmas Term.

For M.Sc.—*Strategic Studies*, X 7 and other 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.

516. Problems of Disarmament and Arms Control. Mr. Windsor. Five lectures, Lent Term.

For M.Sc.—*Strategic Studies*, X 7 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.

517. Civil-Military Relations. Mr. Mendl (King's College). Ten lectures, Michaelmas Term.

For M.Sc.—*Strategic Studies*, X 7 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.

517(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*, X 7.**518. 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).

Recommended reading.—A bibliography will be provided at the beginning of the course.

519. 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).

520. Relations of Technology to the Problems of International Order. Professor Arnold Kramish. Five lectures, Lent Term.

For undergraduate and graduate students interested.

521. Theories of International Behaviour. Mr. M. H. Banks. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—special subject International Relations (Second Year); M.Sc.—*Theories of International Politics*, X 6, and for others interested.

Syllabus.—Problems of methodology and of the applicability of scientific method to the study of international politics. The distinction between philosophical and empirical theory. General and partial theories: systems analysis, decision-making theory, cybernetics, theories of integrative processes, game theory. The contributions of some disciplines of behavioural science to the theory of international society; political science, sociology, social psychology. Conflict research. Experimental and research techniques: crisis gaming, computer simulation, content analysis and factor analysis.

Recommended reading.—M. H. Banks, "Two Meanings of 'Theory' in International Relations" (*Yearbook of World Affairs* 1966); B. M. Russett et al., *World Handbook of Political and Social Indicators*; J. D. Singer (Ed.), *Human Behaviour and International Politics*; H. C. Kelman (Ed.), *International Behavior*; E. B. Haas, *Beyond the Nation-State*; K. E. Boulding, *Conflict and Defense*; K. W. Deutsch, *International Relations; The Nerves of Government*; J. W. Burton, *International Relations: A General Theory*; S. H. Hoffmann, *Contemporary Theory in 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 et al. (Eds.), *Foreign Policy Decision-Making*; J. N. Rosenau (Ed.), *International Politics and Foreign Policy*; R. D. Fisher (Ed.), *International Conflict and Behavioral Science; The Journal of Conflict Resolution; World Politics*.

522. Theories of International Politics. Mr. Bull. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XII 7 and 8e (Third Year); M.Sc.—*Theories of International Politics*, X 6.

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*.

523. Philosophical Aspects of International Affairs. Professor Manning. Five lectures, Michaelmas 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*.

523(A). Philosophical Aspects of International Affairs (Class).

A class will be held weekly in the Lent Term by Mr. Bull and Mr. M. H. Banks for B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XII 7 and 8e (Third Year).

524. 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*.

524(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).

525. The Interplay of Politics at the Domestic and International Levels (Class).

A class will be held weekly in the Lent Term by Dr. Northedge for B.Sc. (Econ.) Part II—*The Interplay of Politics at the Domestic and International Levels*, XII 7 and 8g (Third Year).

526. 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*; W. Friedmann, *The Changing Structure of International Law*.

526(A). The Sociology of International Law (Class). A class will be held weekly by Mr. James in the Lent Term for B.Sc. (Econ.) Part II—*Sociology of International Law*, XII 7 and 8h (Third Year).

527. Current Issues in International Relations (Class). Dr. Northedge. Lent and Summer Terms.

For interested students. 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

528. Seminars for Foreign Service Course. (a) A seminar will be held weekly throughout the session by Mr. Mayall. (b) A seminar on International Institutions will be held in the Michaelmas Term by Professor Goodwin.

529. International Politics. A seminar for M.Sc.—*International Politics*, X 1 and first-year graduate students will be held weekly by Dr. Northedge and Mr. M. H. Banks in the Michaelmas Term.

530. Foreign Policy Analysis. The following four seminars will be held:—

(a) **Foreign Policy Analysis.** A seminar for M.Sc.—*International Politics*, X 1, and *the Foreign Policies of the Powers*, X 3, will be held in the first five weeks of the Lent Term by Mr. Donelan and Dr. Bell.

(b) **United States Foreign Policy.** A seminar for M.Sc.—*The Foreign Policies of the Powers*, X 3, and other graduate students will be held in the second five weeks of the Lent Term by Mr. M. H. Banks.

(c) **British Foreign Policy.** A seminar for M.Sc.—*The Foreign Policies of the Powers*, X 3, and other graduate students will be held in the second five weeks of the Lent Term by Professor Goodwin.

(d) **National Attitudes and Foreign Policy.** A seminar for M.Sc.—*The Foreign Policies of the Powers*, X 3, and other graduate students, will be held in the Summer Term by Dr. Northedge, Dr. Tint, and Mr. G. H. Stern. Also open to third-year undergraduates.

531. International Institutions. A seminar for M.Sc.—*International Politics* X 1 and *International Institutions* X 4 will be held weekly in the Michaelmas Term by Professor Goodwin and Mr. James.

532. European Studies Seminar. A seminar will be held fortnightly throughout the session by Professor Goodwin, Mr. Windsor and Professor Schapiro for staff and graduate students by invitation.

533. European Institutions. A seminar for M.Sc.—*European Institutions*, X 5 and other graduate students interested will be held fortnightly in the Lent and Summer Terms by Professor Goodwin, Mr. Pickles and Mr. Taylor.

534. International Communism. A seminar will be held fortnightly in the Lent Term by Mr. G. H. Stern for M.Sc.—*International Institutions*, X 4, *International Politics of Europe*, X 2, and other graduate students.

535. Asia and the Pacific in International Relations. A seminar will be held weekly in the Summer Term by Dr. Bell for M.Sc.—*International Politics of Southern Asia*, X 2, and other graduate students.

536. Foreign Relations of African States. A seminar for M.Sc.—*International Politics of Africa*, X 2, and other graduate students will be held in the Michaelmas Term by Mr. M. H. Banks and Mr. Mayall.

537. Strategic Studies. A seminar for M.Sc.—*Strategic Studies*, X 7,

and other graduate students will be held weekly in the Michaelmas and Lent Terms by Professor Howard, Mr. Mendl and Mr. Windsor.

538. **War and Crisis in International Relations.** A seminar for M.Sc.—*International Politics*, X 1, *Strategic Studies*, X 7, M.A.—War Studies and other graduate students will be held weekly in the Lent Term by Dr. Bell.
539. **Political Aspects of International Economic Relations.** A seminar will be held weekly in the Lent Term by Mr. Donelan and Mr. Mayall for staff and graduate students by invitation.
540. **War and Peace in Political Thought.** A seminar for M.Sc.—*Theories of International Politics*, X 6, and other graduate students will be held weekly in the Summer Term by Mr. Bull.
541. **Theories of International Politics.** A seminar for M.Sc.—*Theories of International Politics*, X 6, and other graduate students will be held weekly in the Lent Term by Mr. M. H. Banks and Mr. Taylor.
542. **Theories of International Institutional Co-operation.** A seminar for M.Sc.—*International Institutions*, X 4, and *European Institutions*, X 5, will be held weekly in the first half of the Summer Term by Professor Goodwin and Mr. Taylor.

Note. The attention of graduate students is drawn to the following seminars:—

605. **Pan-Africanism and African Nationalism.**

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. 409.—**Public International Law.**

No. 433.—**Law of International Institutions.**

No. 445.—**Law of European Institutions.**

No. 588.—**Politics and Government of the Middle East.**
and especially

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, Mr. Plowden and Mr. Regan (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), Professor 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 2a; XII 2; XIII 2a; XIV 2; XV 2; XVI 2a (Second Year); B.A. Honours in Philosophy and Economics (First Year).

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 2a; 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); B.A. Honours in Philosophy and Economics (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. Moral and Political Liberty in Rousseau and J. S. Mill. Mr. Charvet. Five 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); *Contemporary Political Thought*, VIII 8b and XII 7a and 8i (ii).

Syllabus.—The lectures will involve an examination of the moral assumptions of Rousseau and J. S. Mill and the problems thereby posed for them in their discussions of the nature of political relations.

Texts.—J. J. Rousseau, *Emile*; *Discourse on Inequality*; *Social Contract*; J. S. Mill, *Essay on Liberty*; *Utilitarianism*.

565. 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).

566. English Constitutional History since 1660. Mrs. Bennett. Thirty lectures of one-and-a-half hours, 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.

567. 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.

568. History of British Politics in the Twentieth Century (continued). Dr. Donoghue. 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).

569. The British Parliament. Mr. Plowden. Five lectures, Lent 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.

570. British Government and Bureaucracy. Professor Self and Dr. G. W. Jones. 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*; P. J. O. Self, *Bureaucracy or Management*.

571. British Political Parties and the Electorate. Mr. Pickles and Mr. Barnes, 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 (Second-Year Class).** Mr. Beattie, Dr. Donoughue and Mr. Barnes, Lent Term. Professor Self, Mr. Plowden and Dr. Miliband, Summer Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6.

- 573. Politics and Government of the United Kingdom (Third-Year Class).** Mr. Barnes, Mr. Plowden and Mrs. Bennett, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6.

- 574. 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*, XIV 4; M.Sc.—*Theories and Concepts of Political Sociology*, XVII (14); *Political Stability and Change*, XVII (15); *The Study of Political Behaviour*, XVII (16).

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.

- 575. The Growth and Character of Local Government.** Professor Self, Professor Griffith, Dr. G. W. Jones and Mr. Regan. Eighteen 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; M.Sc.—*Administration in Regional and Urban Planning* XIII 2. 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; local finance; functions and areas; local government and the community. The administration of education, police and other local services.

LENT TERM. The pattern of central-local relations. Introduction to French and American local government. Local government and politics in big cities. Regional government.

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).

LENT TERM. B. Chapman, *Introduction to French Local Government*; S. A. Greer, *The Emerging City: Myth and Reality*; Report of Royal Commission on Local Government in London; W. A. Robson (Ed.), *Great Cities of the World*; V. Jones, *Metropolitan Government*; L. P. Green, *Provincial Metropolis*.

- 575(A).** A class will be held by Mr. Regan in the Lent and Summer Terms in connection with Course No. 575 for B.Sc. (Econ.) Part II—*Local Government of England and Wales*, VIII 3g (Second Year).

- 576. 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 and One-Year). Also for M.Sc.—*Theory and Practice of Public Administration*, XIV 5; *Administration in Regional and Urban Planning*, XIII 2.

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.

- 577. An Introduction to Administrative Theories.** Professor Self. Six lectures, Summer Term.

For M.Sc.—*Theory and Practice of Public Administration*, XIV 5 and other 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.

- 578(A). Comparative Study of Political Institutions.** Mr. Pickles and Mr. Wolf-Phillips. Two lectures of one-and-a-half hours for the first two weeks of the Michaelmas Term.

- 578(B). Introduction to Political Institutions: U.S.A.** Dr. Letwin. Five lectures of one-and-a-half hours, Michaelmas Term (beginning in the third week).

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.

- 579. Introduction to Political Institutions: France.** Mr. Pickles. Five lectures of one-and-a-half hours, Lent Term (for the first five weeks of term).

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, 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.

580. Introduction to Political Institutions: U.S.S.R. Mr. Reddaway. Five lectures, Lent 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.

581. Comparative Study of Political Institutions (Second Year).

Professor Schapiro, Mr. Pickles, Mr. Wolf-Phillips and Mr. Ionescu. Eight lectures of one-and-a-half hours, Summer 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 and Lent Terms.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (Third Year).

583. African Government and Politics. Mr. Austin. 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. Dawson. 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. Dr. Letwin. Twenty lectures, Michaelmas 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. Letwin.

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 fortnightly 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. Professor 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* (2nd edn., 1965); N. Berkes, *The Development of Secularism in Turkey*; M. H. Bernstein, *The Politics of Israel*; E. G. Browne, *The Persian Revolution*; R. H. Davison, *Reform in the Ottoman Empire 1856-1876*; 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*; "Reflexions sur le Royaume d'Iraq 1921-1958" (*Orient*, 1959); *Afghani and 'Alduh*; 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*; Kamal Salibi, *The Modern History of Lebanon*; D. de Santillana, "Law and Society" in *The Legacy of Islam*; G. E. von Grunebaum, *Islam* (2nd edn., 1961); *Modern Islam*; 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, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Political Thought (Set Texts)*, VIII 5; *Moral and Political Philosophy*, XVI 4a (Third Year); B.A. Honours in Philosophy and Economics (Third Year).

Plato—Dr. Morrall.

Aristotle—Dr. Morrall.

Marsilius—Dr. Morrall.

Machiavelli—Professor Oakeshott.

Mill—Mr. Thorp.

Hobbes—Mr. Minogue.

Locke—Mr. Cranston.

Rousseau—Mr. Charvet.

Hegel—Professor Kedourie.

591. Political Philosophy. Mr. Cranston and Dr. Orr. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Political Philosophy*, VIII 8a (Second Year); *Moral and Political Philosophy*, XVI 4a (Second and Third Years); B.A. Honours in Philosophy and Economics (Second and Third Years).

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 idea 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 and Dr. Orr.

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 (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); M.Sc.—*Political Sociology*, XIV 4. Recommended for graduate students and M.Sc.—Sociology, 14 and 15.

Syllabus.—An examination of Marx's thought and of some revisions and adaptations of Marxism, notably German Revisionism and Leninism.

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

594. The State and Society. Dr. Miliband. Ten lectures, Lent Term.

For M.Sc.—*Political Sociology*, XIV 4; M.Sc.—Sociology, 14 and 15, 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 and Mr. Stewart. Ten lectures, Michaelmas and Lent Terms.

For graduate students in political sociology.

Syllabus.—Classical and current sociological and political theories will be examined in so far as they contribute to a theory of social and political change.

Recommended reading.—W. Kornhauser, *The Politics of Mass Society*; K. W. Deutsch, *Nationalism and Social Communication*; K. Mannheim, *Ideology and Utopia*; R. Dahrendorf, *Class and Class Conflict in Industrial Society*; N. Birnbaum, *Ideology*; G. Lichtheim, *Marxism*; M. Weber, *The Theory of Social and Economic Organization*; H. Marcuse, *Reason and Revolution*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*; G. Simmel, *Conflict*; T. Parsons and N. Smelser, *Economy and Society*; G. Almond and J. S. Coleman, *The Politics of the Developing Areas*.

596. The History of Continental Socialist Thought. Mr. Pickles. Fifteen lectures, Michaelmas and Lent Terms. (This course will not be given in the session 1966-67.)

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. Urban and Regional Planning: Policies and Administration. Professor Self, Professor Donnison and Mr. Regan. Fifteen lectures, followed by discussion, Lent and Summer Terms.

For M.Sc.—*Administration in Regional and Urban Planning*, XIII 2; *Housing and Town Planning*, XV 2(iv).

Syllabus.—(a) The history and development of urban and regional planning. The evolution of public policies, legislation, and government organisation.

(b) The present system of planning administration, including plan making and implementation, and central-local relations.

(c) The politics of urbanization and of the planning process.

(d) The relation of planning to housing and to social policies. The uses of planning research. The planning profession.

(e) Theories of the purposes and character of urban and regional planning. Methods of regional planning. Comparisons between British and other systems.

Recommended reading.—(a) W. Ashworth, *The Genesis of Modern British Town Planning*; L. Mumford, *The City in History*; P. Self, *Cities in Flood*; *The Problems of Urban Growth*; D. Foley, *Controlling London's Growth*; Acton Society Trust, *Regionalism*; J. Friedman and W. Alonso, *Regional Development and Planning*; T. Wilson, *Papers on Regional Development*; F. J. Osborn and A. Whittick, *New Towns: The Answer to Megalopolis*; Jane Jacobs, *The Life and Death of Great American Cities*. (b) Desmond Heap, *An Outline of Planning Law*; J. B. Cullingworth, *Town and Country Planning in England and Wales*; R. Walker, *The Planning Process in Urban Government*; Greater London Papers on Town Planning, Housing etc. (c) W. A. Robson, *Great Cities of the World*; E. Banfield and M. Meyerson, *Politics, Planning and the Public Interest*; S. Greer, *The Emerging City*. (d) P. Wilmott and M. Young, *Family and Kinship in East London*; *Family and Class in a London Suburb*; C. Abrams, *Housing in the Modern World*. (e) P. Hauser and L. Schnore, *The Study of Urbanization*; M. M. Webber et al., *Explorations into Urban Structure*; D. Senior (Ed.), *The Regional City*; P. Hall, *London, 2000*; M. Ash, *The Human Cloud*.

Use will also be made of *Urban Studies*, *Public Administration*, and official reports.

- 599. Public Enterprise.** Professor Robson. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the U.K.*, VIII 6 (Third Year); M.Sc.—*Theory and Practice of Public Administration*, XIV 5.

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, Professor 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. Donoghue, 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) **Political Stability and Change.** Mr. Madian, Mr. B. B. Schaffer and Mr. Stewart. Twenty meetings, Sessional. (Students should also attend Course No. 595.)

- (c) **Political Behaviour.** Weekly, Lent and Summer Terms.

- 604. Public Administration.** Professor Self, Professor Griffith, Dr. G. W. Jones and Mr. Regan. Sessional.

- 605. Pan-Africanism and African Nationalism.** Lent Term.

- 606. Government and Politics of Nigeria.** Professor Mair 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 and Mr. Reddaway 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 their 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. The British Civil Service.** 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.** Mr. Regan. Lent Term.
612. **Comparative Politics.** Mr. Ionescu. Sessional. The political processes of European non-parliamentary states (East Europe, Spain and Portugal) and the new regimes in African and Asian States.
613. **Problems of Public Enterprise.** Professor Robson. Michaelmas Term. Undergraduates may be admitted by permission.
614. **The Government and Politics of Canada—Selected Topics.** Professor McKenzie. Summer Term. For graduate students; open to undergraduates. (This course will not be given in the session 1966-67).

SOCIOLOGICAL STUDIES

	Page
(a) Anthropology	475
(b) Demography	482
(c) Psychology	485
(d) Social Science and Administration	490
Personnel Management	495
Course for Social Workers in Mental Health	496
Applied Social Studies	500
(e) Sociology	505

ANTHROPOLOGY

Note: For the lecture courses which are relevant to examination papers see the regulations in part II of the Calendar.

B.Sc. (Econ.)	pp. 197, 206
B.Sc. (Social Anthropology)	p. 213
B.A. Honours in Anthropology or B.Sc. (Special) Anthropology	p. 212
B.A./B.Sc. (Sociology)	pp. 219-20

(i) General

640. Introduction to Social Anthropology. Professor Mair. Twenty-five lectures, Sessional.

For B.Sc. (Anthropology) New Regulations; 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; B.Sc. (Geography) New Regulations; Academic Postgraduate Diploma in Social Anthropology (First Year); Diploma in Social Administration, Overseas Option only (First Year and One-Year).

Syllabus.—An introduction to the basic principles of the structure of the simpler societies. General characteristics of societies of simple technology; relation of these to environment and race. Family and kinship; unilineal and non-unilineal descent; political systems with and without differentiated governmental institutions. Law and social control. Economic systems; division of labour, organisation of production, gift. Religious and magical beliefs and practices. Social stratification.

Recommended reading.—BASIC: R. Firth, *Human Types*; L. P. Mair, *An Introduction to Social Anthropology*; J. Gould and W. L. Kolb, *A Dictionary of the Social Sciences* (for definitions); C. D. Forde, *Habitat, Economy, and Society*.

SUPPLEMENTARY: E. E. Evans-Pritchard, *Social Anthropology*; M. Ginsberg, *Sociology*; M. Gluckman, *Custom and Conflict in Africa*; 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*; J. Beattie, *Other Cultures*; G. Lienhardt, *Social Anthropology*.

641. Outlines of Ethnography. Professor Schapera and members of the Department. Sixteen lectures, Lent and Summer Terms.

For B.Sc. (Anthropology) New Regulations; B.A./B.Sc. (Sociology) Branch II (First and Second Years); B.Sc. (Econ.) Part II (Second and Third Years)—special subject of Social Anthropology; Academic Postgraduate Diploma in Social Anthropology (First Year). Second and Third-Year students reading B.A. (Anthropology); B.A./B.Sc. (Sociology) Branch II or B.Sc. (Econ.) special subject of Social Anthropology are recommended to attend.

Syllabus.—Ethnography and social anthropology. Development of field work methods. Survey of representative field studies. Common characteristics of simple societies. Problems of cultural and regional variation.

Recommended reading.—A. Richards, "The Development of Field Work Methods in Social Anthropology" in F. C. Bartlett and others (Eds.), *The Study of Society*; C. D. Forde, *Habitat, Economy and Society*; G. P. Murdock, *Our Primitive Contemporaries*; R.

Fortune, *Sorcerers of Dobu*; W. R. Geddes, *The Land Dayaks of Sarawak*; E. J. and J. D. Krige, *The Realm of a Rain-Queen*; R. H. Lowie, *The Crow Indians*; P. Spencer, *The Samburu*.

641(a). Classes will be arranged in connection with Course No. 641 for first-year students reading B.Sc. (Anthropology).

642. Man, Race and Culture. Dr. Fox. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Anthropology) New Regulations; B.A./B.Sc. (Sociology) Branch II (First Year); B.Sc. (Econ.) Part II (Second Year)—special subject of Social Anthropology; B.Sc. (Geography) New Regulations. Second and Third-Year students reading B.A. (Anthropology); B.A./B.Sc. (Sociology) Branch II or B.Sc. (Econ.) special subject of Social Anthropology are recommended to attend.

Syllabus.—An outline of human evolution in the context of the study of animal (especially primate) social behaviour. The nature, origin and development of culture. The significance of racial differences. Introduction to human ecology.

Recommended reading.—BASIC: S. L. Washburn (Ed.), *The Social Life of Early Man*; G. A. Harrison, J. S. Weiner, J. M. Tanner and N. A. Barnicot, *Human Biology*; W. C. Boyd and I. Asmin, *Races and People*; N. Tinbergen, *Social Behaviour in Animals*; *Animal Behaviour*; I. de Vore (Ed.), *Primate Behavior*; G. G. Simpson, *The Meaning of Evolution*; Sol Tax (Ed.), *Horizons of Anthropology*; A. Roe and G. G. Simpson (Eds.), *Evolution and Behavior*; A. Leeds and A. P. Vayda (Eds.), *Man, Culture and Animals*; A. L. Kroeber and C. K. M. Kluckhohn, *Culture: A Review of Concepts and Definitions*; V. Gordon Childe, *Man Makes Himself*; *What Happened in History*; R. Redfield, *The Primitive World and its Transformations*; L. A. White, *The Science of Culture*; J. H. Steward, *Theory of Culture Change*; B. Malinowski, *A Scientific Theory of Culture*.

642(a). Classes will be arranged in connection with Course No. 642 for first-year students reading B.Sc. (Anthropology).

643. Family and Kinship. Dr. Woodburn. 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 Social Anthropology.

Syllabus.—A general introduction to the analysis of kinship institutions.

Recommended reading.—M. Fortes (Ed.), *Marriage in Tribal Societies* (*Cambridge Papers in Social Anthropology*, No. 3); J. Goody (Ed.), *The Developmental Cycle in Domestic Groups* (*Cambridge Papers in Social Anthropology*, No. 1); R. F. Gray and P. H. Gulliver (Eds.), *The Family Estate in Africa*; E. R. Leach, *Rethinking Anthropology*; G. P. Murdock, *Social Structure*; A. Phillips (Ed.), *Survey of African Marriage and Family Life*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; D. M. Schneider and K. Gough (Eds.), *Matrilineal Kinship*.

Articles and ethnographic monographs will be recommended during the course.

644. Advanced Study of Kinship. Dr. Fox. 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 Social Anthropology; graduate students taking qualifying examinations.

Syllabus.—A detailed treatment of some current problems in kinship theory; for

example—descent and alliance, prescriptive and preferential marriage, cognatic kinship systems, formal analysis of kinship terminology, model and reality, in unilineal kinship.

Recommended reading.—C. Lévi-Strauss, *Les Structures Élémentaires de la Parenté*; *Structural Anthropology*; R. Needham, *Structure and Sentiment*; G. Homans and D. M. Schneider, *Marriage, Authority and Final Causes*; H. C. White, *An Anatomy of Kinship*; D. M. Schneider and K. Gough (Eds.), *Matrilineal Kinship*; G. P. Murdock (Ed.), *Social Structure in Southeast Asia*; M. Banton (Ed.), *The Relevance of Models for Social Anthropology*; I. Schapera (Ed.), *Studies in Kinship and Marriage*; E. R. Leach, *Rethinking Anthropology*.

645. Government and Politics in Simple Societies. Dr. de Ortiz. 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 Social Anthropology; graduate students taking qualifying examinations.

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*; J. Middleton and D. Tait, *Tribes without Rulers*.

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; P. H. Gulliver, *Social Control in an African Society*.

646. Social Control in Preliterary Societies. Dr. H. S. Morris.

Eight lectures. (This course will not be given in the session 1966-7; it will be given in the session 1967-8.)

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 Social Anthropology; students taking Social Anthropology as a subsidiary or as a two-year ancillary subject to a first degree; graduate students taking qualifying examinations.

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 preliterary 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*.

647. Outline of Economic Anthropology. Dr. de Ortiz. Eight lectures. (This course will not be given in the session 1966-7; it will be given in the session 1967-8.)

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; Academic Postgraduate Diploma in Social Anthropology; students taking Social Anthropology as a subsidiary or a two-year ancillary subject to a first degree; graduate students taking qualifying examinations.

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.

648. Systems of Religion and Magic. Professor Freedman. 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 Social Anthropology; students taking Social Anthropology as a subsidiary or two-year ancillary subject to a first degree; graduate students taking qualifying examinations.

Syllabus.—Development of the anthropological study of religion, magic and morals—Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults; spirit mediumship; totemism; ancestor worship. Religion and the structure of society. Religion and morals.

Recommended reading.—M. Banton (Ed.), *Anthropological Approaches to the Study of Religion*; T. A. Sebeok, *Myth: A Symposium*; C. Lévi-Strauss, *Totemism*; *La pensée sauvage*; B. Malinowski, *Magic, Science and Religion*; A. R. Radcliffe-Brown, *The Andaman Islanders*; *Structure and Function in Primitive Society*; F. Steiner, *Taboo*; A. Van Gennep, *The Rites of Passage*; E. Durkheim, *The Elementary Forms of the Religious Life*; E. E. Evans-Pritchard, *Theories of Primitive Religion*; M. Fortes and G. Dieterlen (Eds.), *African Systems of Thought*; C. D. Forde (Ed.), *African Worlds*; R. Firth, *Essays on Social Organization and Values*; M. Ginsberg, *On the Diversity of Morals*; M. Gluckman, *Politics, Law and Ritual in Tribal Societies*.

649. History of Social Anthropology. Dr. H. S. Morris. 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 Social 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 Lafitau 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.

650. Current Trends in Social Anthropology. Dr. Benedict. Ten lectures. (This course will not be given in the session 1966-7; it will be given in 1967-8.)

For B.A. Honours in Anthropology (Second and Third Years); 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. Also recommended for graduate students.

Syllabus.—A critical review of theories and methods, aims and achievements, in modern social anthropology.

651. 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 Social Anthropology.

(b) Classes will be given as required in the ethnography of the following regions: South-East Asia, East Africa, South Africa, Melanesia, North America.

(ii) Applied

652. Social Implications of Technological Change. Mr. Forge. 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; Special Course for Overseas Administrators; Diploma in Social Administration, Overseas Option only (Second Year and One-Year); the Academic Postgraduate Diploma in Social 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.

653. Introduction to Applied Anthropology. Dr. H. S. Morris and Dr. de Ortiz. Twenty classes, Michaelmas and Lent Terms.

For Diploma in Social Administration, Overseas Option only (First 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.

654(a). Applied Anthropology and Social Development in Low-Income Countries. Mr. Forge. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (Third Year)—*Social Aspects of Political and Economic Development*, VI 8k; XIII 2b, 4; Diploma in Social Administration, Overseas Option only (Second 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 will be given during the course.

654(b). Applied Anthropology and Social Development in Low-Income Countries. Mr. Forge. Twenty classes, Michaelmas and Lent Terms.

For Diploma in Social Administration, Overseas Option only (One Year).

(iii) **Special**

655. Peasant Communities in Latin America. Dr. de 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.

656. Rank and Religion in Tikopia. Professor Firth. Six lectures, Lent Term.

657. Hunters and Gatherers, with special reference to the Hadza of Tanzania. Dr. Woodburn. Six lectures, Lent Term.

Syllabus.—A systematic examination of the ecology, the systems of local grouping, the kinship and political systems of some selected hunters and gatherers.

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

658. Art and Society. Mr. Forge. Six lectures, Summer Term.

FOR GRADUATE STUDENTS

659. Seminar on Anthropological Theory. A seminar will be held for senior graduate students by Professor Schapera in the Michaelmas and Professor Firth in the Lent and Summer Terms. Admission only by permission of Professor Schapera or Professor Firth. This seminar is not open to students taking qualifying examinations.

660. Seminar on Current Anthropological Themes. A seminar will be held by Professor Freedman and Dr. de Ortiz fortnightly in the Michaelmas and Lent Terms for graduate students taking qualifying examinations.

661. 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.

662. Seminar on Field Methods. A seminar will be held by Dr. H. S. Morris and Dr. Woodburn fortnightly in the Lent and Summer Terms for graduate students preparing for field work.

663. 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.

664. Regional Seminars. Seminars on the anthropological study of Africa and China may be arranged.

665. Graduates' Class. A class will be arranged for graduate students taking qualifying examinations.

The attention of students is drawn to the fact that certain courses on regional ethnography are given on an intercollegiate basis, e.g., Melanesia (University College), West Africa (University College), India (School of Oriental and African Studies).

Reference should also be made to the following course:

No. 714.—**Language and Society (Seminar).**

L.S.E. (Cal.)—16

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.—*Demography II*, II 2. Also for students offering *Demography* for M.Sc. XVIII 10.

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); Optional for M.Sc.—*Demography II*, II 2. Also for students offering *Demography* for M.Sc. XVIII 10. 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 (Second Year). Mr. Hajnal and Dr. Thapar. Twenty hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Demography I*, IX 8a (Second Year); B.A./B.Sc. (Sociology Branch I, 9 and 10c, Branch II, 10b (Second Year); M.Sc.—*Demography I*, II 1; XVII 12.

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*; B. Benjamin, *Elements of Vital Statistics*; 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. Elements of Demographic Analysis (Third Year). Mr. Hajnal and Dr. Thapar. Eight hours, Lent and Summer Terms (beginning in the fifth week of the Lent Term).

For B.Sc. (Econ.) Part II—*Demography I*, IX 8a; B.A./B.Sc. (Sociology) Branch I, 9 and 10c (Third Year).

684. 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 10c and Branch II, 10b (Second Year); M.Sc.—*Demography I*, II 1; XVII 12. 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 underdeveloped 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-Faning, *Family Limitation* (Royal Commission on Population Papers, Vol. I); P. K. Whelpton, C. V. Kiser and others, "Social and Psychological Factors Affecting Fertility" (*Milbank Memorial Fund Quarterly*, 1942 et seq.) (in progress); Milbank Memorial Fund, *Modernization Programs in Relation to Human Resources and Population Problems*; M. Reinhard, *Histoire de la Population Mondiale*; American Academy of Political and Social Science, *Annals*, Vol. 237, "World Population in Transition"; K. Smith, *The Malthusian Controversy*; D. V. Glass (Ed.), *Introduction to Malthus*.

685. Demography Class. Mr. Carrier. Ten classes of two hours each, Lent Term. For B.Sc. (Econ.) Part II—*Demography II*, X 6 and 7b (Third Year); optional for M.Sc.—*Demography II*, II 2. Also for students offering *Demography* for M.Sc. XVIII 10. Other students will be admitted only by permission.

686. 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

687. The Collection and Analysis of Demographic Data on Underdeveloped Countries. Dr. Blacker and others. Thirty lectures and twenty classes, Sessional.

Michaelmas Term: For M.Sc.—*Demography I*, II 1; XVII 12.

Lent and Summer Terms: For M.Sc.—*Demography II*, II 2.

Syllabus.—The design of census-type inquiries. The content and design of census questionnaires. The structure of a census organization. Recruitment and training of field staff. Enumeration problems. The design of special inquiries for the determination of birth and death rates and of population growth. Processing techniques and problems. Analysis of age-sex distributions. Estimation of fertility and mortality rates from census and survey data. Use of model life tables and stable population models. Techniques of population projections.

Recommended reading. United Nations, *Handbook of Population Census Methods* (3 vols.); R. Blanc, *Manual of Demographic Research in Underdeveloped Countries*; U.N. Economic Commission for Africa, *Methods and Problems of African Population Censuses and Surveys, 1955-64*; Norma McArthur, *Introducing Population Statistics*; 1960 Population Census of Ghana, Volume V, *General Report*; Hong Kong, *Report of the Census, 1961* (3 vols); United Nations, *Handbook of Vital Statistics Methods*; U.N. Economic Commission for Africa, *Methods and Problems of Civil Registration and Vital Statistics Collection in Africa*; United Nations, *Guanabara Demographic Pilot Survey*; International Population Conference, New York 1961, Papers for Meeting 10; International Population Conference Ottawa 1963, Papers for meeting on "Vital Statistics from Limited Data"; World Population Conference, Belgrade 1965, Papers for Meeting B.6; U.N. Economic Commission for Africa, Papers for the *African Seminar on Vital Statistics (1964)* and for the *Working Group on Censuses of Population and Housing (1965)*; W. Brass, papers in *Population Studies* Vol. VII No. 2, Vol. VIII, No. 1, Vol. XIV, No. 2; C. A. L. Myburgh, Paper in *Population Studies*, Vol. X, No. 2; United Nations, *Manuals on Estimating Populations*.

688. The Detection and Reduction of Errors in Demographic Data. Mr. Carrier and others. Ten lectures and ten classes, Michaelmas Term.

For M.Sc.—*Demography II*, II 2.

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. Applications of stable and quasi-stable population models.

Recommended reading will be given during the course.

689. Population Trends and Policies (Seminar). Professor Glass. Fortnightly, Sessional.

For M.Sc.—*Demography I*, II 1; XVII 12.

Syllabus.—Trends and patterns of mortality, marriage and fertility in both western and non-western societies.

690. 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 I*, II 1; XVII 12.

Syllabus.—Purpose and design of fertility surveys. The use of surveys in connection with the formulation and implementation of birth control programmes. Problems of questionnaire design in fertility and other demographic surveys.

PSYCHOLOGY

700. General Course in Psychology. Mr. Hotopf. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—alternative subject 10, *Psychology*; B.A./B.Sc. (Sociology), Branch I, 5 and Branch II, 10a (First Year). Second-year students taking B.Sc. (Econ.) Part II—*Psychology*, IX 8b will attend selected lectures.

Syllabus.—The aims, assumptions and methodological preferences of psychology, seen in the light of its history and position in society.

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.

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*.

701. Psychoanalytic Theory. Mr. Hotopf. Five lectures, Lent Term (beginning in the sixth week).

For B.A./B.Sc. (Sociology) Branch I, 5 and Branch II, 10a (First Year); Diploma in Social Administration, incl. Overseas Option (Second Year). Optional for B.Sc. (Econ.) Part I—alternative subject 10 *Psychology*; B.Sc. (Econ.) Part II—*Psychology*, IX 8b; Diploma in Social Administration, incl. Overseas Option (One-Year).

Recommended reading will be given during the course.

702. General Introduction to Psychology. Dr. A. P. Sealy and Mrs. Geber. Twenty-two lectures, Sessional.

For B.Sc. (Sociology) Branch III (First Year); Diploma in Social Administration, incl. Overseas Option (First Year and One-Year).

Syllabus.—The genetic, biological and cultural origins of the organism are described, followed by an examination of learned and unlearned patterns of behaviour in man and animals.

The development by the individual of stability in the representation of the environment through the processes of learning and inferring perception.

Consideration will be given to the special problems arising from the development of language, systems of categorization, and from processes of internalization. Attention will be paid to the development of a concept of the self, the differentiation of the personality, the interaction between individuals in small groups and the formation of attitudes and value systems. This will lead to a brief discussion of the effects of social and cultural variables on individual behaviour.

Recommended reading.—N. L. Munn, *Fundamentals of Human Adjustment*; E. R. Hilgard, *Introduction to Psychology*; C. L. Morgan, *Introduction to Psychology*; J. Whittaker,

Introduction to Psychology; D. O. Hebb, *Textbook of Psychology*; D. E. Broadbent, *Behaviour*; O. L. Zangwill, *Introduction to Psychology*; M. D. Vernon, *Perception*; R. L. Gregory, *The Eye and the Brain*; I. M. L. Hunter, *Memory*; F. C. Bartlett, *Remembering*; *Thinking*; C. Hall, *Primer of Freudian Psychology*; E. H. Erikson, *Childhood and Society*; G. H. George, *Cognition*; W. Slukin, *Imprinting*; H. W. Maier, *Three Theories of Child Development*; P. H. Mussen, J. Kagan and J. J. Conger, *Child Development and Personality*; *Readings in Child Development and Personality*; D. Krech and R. S. Crutchfield, *Individual in Society*; *Elements of Psychology*; M. Argyle, *The Scientific Study of Human Behaviour*; R. Brown, *Social Psychology*; J. H. Flavell, *The Development Theories of Jean Piaget*; S. Freud, *New Introductory Lectures*.

703. Methods and Measurement in Psychology. Mr. Harper. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I—alternative subject 10 *Psychology*; B.Sc. (Econ.) Part II—*Psychology*, IX 8b; B.A./B.Sc. (Sociology) Branch I, 5 and Branch II, 10a (Second Year); Optional for Diploma in Social Administration, incl. Overseas Option (One-Year).

Syllabus.—(a) METHODS: the role of experimentation measurement in psychological theory. Methods of research in psychology: experimental, clinical and survey methods; animal studies. Idiographic and nomothetic approaches.

(b) PSYCHOLOGICAL MEASUREMENT: The assessment and measurement of psychological attributes: intelligence, creativity, personality, attitudes. The nature of intelligence and personality: theories and operational definitions. Classification and review of psychological tests. Criteria for evaluating tests; reliability and validity. Factors influencing test scores: heredity and environment: social context, transitory physiological and psychological states. Description and evaluation of selected tests. Practical introduction to selected tests.

Recommended reading.—R. Hyman, *The Nature of Psychological Inquiry*; L. Tyler, *Tests and Measurements*; P. Vernon, *The Structure of Human Abilities*; L. J. Cronbach, *Essentials of Psychological Testing*; P. Vernon, *Personality Assessment: A Critical Review*; A. Anastasi and J. P. Foley, *Differential Psychology*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; L. Festinger and D. Katz, *Research Methods in the Behavioural Sciences*, Part I.

704. General Course in Social Psychology. Dr. Oppenheim, Mr. A. D. Jones and others. Twenty lectures, Sessional.

For B.Sc. (Econ.) Part II—*Psychology*, IX 8b; B.A./B.Sc. (Sociology), Branch I, 5 (Third Year); B.Sc. (Sociology) Branch III (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. Innovation and social change.

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 in 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*; G. Lindzey, *Handbook of Social Psychology* (selected chaps.); R. Brown, *Social Psychology*; P. F. Secord and C. W. Backman, *Social Psychology*; T. M. Newcomb, R. Turner and Converse, *Social Psychology*.

OTHER BOOKS: R. K. Merton et al. (Eds.), *Sociology Today: Problems and Prospects*; G. C. Homans, *Social Behaviour*; T. W. Adorno, E. Frenkel-Brunswik and others, *The Authoritarian Personality*; G. W. Allport, *The Nature of Prejudice*; 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*.

705. Industrial Psychology. Mr. Holmes. Ten lectures and ten classes, Lent Term.

For Diploma in Operational Research and M.Sc.—*Operational Research Methods*, XI 4i.

Syllabus.—Individual maturation and adjustment. Factors leading to the formation of industrial groups. Morale and individual breakdown; co-operative and competitive situations, resistance to change.

The nature of incentives. Supervisory and other leadership. Psychological and organisational factors in communication.

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. Classes will be held in the Michaelmas and Lent Terms for B.A./B.Sc. (Sociology) Branch I, 5 and Branch II, 10a 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. Selected Issues in Social Psychology (Seminar). Professor Himmelweit. Fortnightly throughout the session.
For all M.Sc. students taking a Psychology option in Branch XVII.

711. Theories and Concepts in Social Psychology (Seminar). Members of the Department. Weekly throughout the session.

For M.Sc.—*Theories and Methods of Social Psychology*, XVII 4.

712. Communication, Attitude Change and Innovation (Seminar). Professor Himmelweit and Mr. A. D. Jones. Lent and Summer Terms.

For M.Sc.—*Communication and Attitude Change*, XVII 18.

713. Language, Thought and Communication (Seminar). Mr. Hotopf. Lent and Summer Terms.

For M.Sc.—*Psychological Aspects of Language*, XVII 19.

714. Language and Society (Seminar). Mr. Hotopf, Dr. Denison, Dr. Fox and Professor Dore. Summer Term.

For M.Sc.—*Psychological Aspects of Language*, XVII 19; and other graduate students. Admission will be by permission of the teachers concerned.

715. Research Problems (Seminar). Members of the Department.

716. Social Psychology of Industrial and other Organisations (Seminar). Mr. Holmes.

For M.Sc.—*Social Psychology of Industrial and other Organisations*, XVII 20.

717. Personality and Child Development (Seminar). Dr. A. P. Sealy.

For M.Sc.—*Personality and Socialisation*, XVII 17.

718. Groups and Group Functions (Seminar). Mr. Schopler.

For M.Sc.—*The Psychological Study of Groups*, XVII 21.

Note: Students are also referred to courses on Psychology listed in the section on Social Science and Administration.

SOCIAL SCIENCE AND ADMINISTRATION

720. Development of Social Administration. Professor Donnison. Twenty-five lectures, Sessional.

For B.A./B.Sc. (Sociology) Branch I, 9 and 10b; B.Sc. (Sociology) Branch III, 4 (Second Year); Diploma in Social Administration, incl. Overseas Option (First Year and One-Year); B.A. (Geography) (First Year)—subsidiary subject of Sociology or two-year ancillary subject to a first degree.

720(A). Development of Social Administration (Classes). Fortnightly classes will be held in connection with Course No. 720.

721. Social Policy. Professor Titmuss. Six lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) Branch I, 9 and 10b (Third Year); Diploma in Social Administration, incl. Overseas Option (Second Year and One-Year); B.A./B.Sc. (Geography) (Second Year)—subsidiary subject of Sociology or two-year ancillary subject to a first degree.

721(A). Social Policy (Classes). Fortnightly classes will be held in connection with Course No. 721.

722. Sociology of Medical Care. Professor Titmuss. Five lectures, Lent Term.

For B.A./B.Sc. (Sociology) Branch I, 9 and 10b (Third Year); Diploma in Social Administration, incl. Overseas Option (Second Year and One-Year).

723. Aspects of Social Policy. Members of the Department. Twenty-five lectures, Sessional.

For Diploma in Social Administration (Second Year and One-Year).

The lectures will deal with topics, such as: Social Security, Health and Welfare Services, Housing, Occupational Welfare, Problems of Delinquency Causation, Psychology of Social Administration, Immigration and Social Policy.

724. Evolution of Community. Mr. Hodge. Six lectures, Lent Term.

For Diploma in Social Administration, Overseas Option only (First Year and One-Year); M.Sc.—*Community Development*, XV 2 (v); optional for Diploma in Development Administration.

725. Community Development Methods. Mr. Hodge. Six lectures, Lent and Summer Terms.

For Diploma in Social Administration, Overseas Option (Second Year); optional for One-Year; optional for M.Sc.—*Community Development*, XV 2 (v).

726. Community Organisation. Mr. Hodge. Ten lectures, Lent Term.

For Diploma in Social Administration, Overseas Option only (Second Year and One-Year); optional for Diploma in Development Administration.

727. Development and Social Administration. Mr. Hodge, Mrs. Hardiman, Miss Nevitt and others.

For Diploma in Social Administration, Overseas Option only.

(a) Classes will be arranged for first-year students and for those attending the Special Course for Overseas Administrators.

(b) A seminar will be held throughout the session for second and one-year students.

728. Introduction to Social Work.

For Diploma in Social Administration, incl. Overseas Option (First Year and One-Year).

(a) **Community Work.** Miss Booker. Four lectures, Lent Term.

(b) **Group Work.** Lecturer to be arranged. Three lectures, Lent Term.

(c) **Case Work.** Miss Butrym. Three lectures, Lent Term.

729. Aspects of Social Work. Various lecturers. Ten lectures, Lent Term.

For Diploma in Social Administration, incl. Overseas Option (First Year and One-Year).

730. Social History. Professor McGregor. Sessional. Held at Bedford College.

For B.Sc. (Sociology) Branch III, 1 (First Year).

730(A). Social History (Classes). Classes will be held throughout the session in connection with Course No. 730.

731. Elements of Government. Twenty-five lectures, Sessional.

(i) Dr. Burton (at Bedford College). Michaelmas Term.

For B.Sc. (Sociology) Branch III, 2 (First Year).

(ii) Professor Griffith (at London School of Economics). Lent and Summer Terms.

For B.Sc. (Sociology) Branch III, 2 (First Year); Diploma in Social Administration (First Year and One-Year).

731(A). Elements of Government (Classes). Classes will be held

- fortnightly throughout the session for B.Sc. (Sociology) Branch III, 2 (First Year).
- (i) During the Michaelmas Term at Bedford College for both London School of Economics and Bedford College students.
- (ii) During the Lent and Summer Terms at the London School of Economics for students of the School only.
- 732. British Legal Administrative and Political Institutions.** Dr. Burton and Mr. Blom-Cooper. Sessional. Held at Bedford College.
For B.Sc. (Sociology) Branch III, 2 (Second Year).
- 732(A). British Legal Administrative and Political Institutions (Classes).** Classes will be held fortnightly throughout the session in connection with Course No. 732.
- 733. Ethics and Social Philosophy.** Mr. Lloyd Thomas. Sessional. Held at Bedford College.
For B.Sc. (Sociology) Branch III, 6 (First Year).
- 733(A). Ethics and Social Philosophy (Classes).** Classes will be held throughout the session in connection with Course No. 733.
- 734. Introductory Economics.** Sessional.
- (i) Mr. Morgan at Bedford College. Fifteen lectures, Michaelmas and Lent Terms.
For B.Sc. (Sociology) Branch III, 3 (First Year).
- (ii) Mr. B. P. Davies and Mr. Jenner at London School of Economics. Fifteen lectures, Lent and Summer Terms.
For B.Sc. (Sociology) Branch III, 3 (First Year); Diploma in Social Administration (First Year).
- 734(A). Economics (Classes).** Classes will be held fortnightly throughout the session in connection with Course No. 734.
- 735. Introduction to Economic Theory.** Mr. B. P. Davies and Mr. Jenner. Ten lectures, Michaelmas Term.
For Diploma in Social Administration (One-Year).
- 736. The Financing of the Social Services.** Professor Abel-Smith, Mr. B. P. Davies and Mr. Jenner. Ten lectures, Lent Term.
For Diploma in Social Administration (Second Year and One-Year). Optional for B.A./B.Sc. (Sociology) Branch I, 9 and 10b (Third Year).

- 737. Social Economics.**
- (i) Mr. Ilersic. Lent Term, at Bedford College.
- (ii) Mr. B. P. Davies and Mr. Jenner. Summer Term, at L.S.E.
For B.Sc. (Sociology) Branch III, 3 (Second Year).
- 737(A). Social Economics (Classes).** Classes will be held fortnightly throughout the session at L.S.E. in connection with Course No. 737.
- 738. Economics (Classes).** Classes will be held:
- (a) fortnightly throughout the session for Diploma in Social Administration (First Year, Second Year and One-Year).
- (b) weekly throughout the session for Diploma in Social Administration, Overseas Option (First Year, Second Year and One-Year).
- 739. Personality and Abnormal Psychology.** Mr. Gwynne Jones. Six lectures, Lent Term.
For B.A./B.Sc. (Sociology), Branch I, 5; Branch II, 10a (Second Year); Diploma in Social Administration, incl. Overseas Option (Second Year). Optional for Diploma in Social Administration, incl. Overseas Option (One-Year).
- 740. Psychology (Classes).** Classes will be held fortnightly throughout the session for B.Sc. (Sociology) Branch III (First and Second Years) and Diploma in Social Administration, including Overseas Option (First Year, Second Year and One-Year).
- 741. Social Structure (Classes).** Classes will be held:
- (a) fortnightly throughout the session for Diploma in Social Administration (Second and One-Year).
- (b) weekly in the Lent and Summer Terms for Diploma in Social Administration, Overseas Option (Second Year and One-Year).
- (c) fortnightly in the Lent and Summer Terms for B.Sc. (Sociology) Branch III, 6 (Second Year).
- 742. Seminar in Social Administration.** Seminars will be held weekly throughout the session for B.Sc. (Sociology) Branch III.
- (a) Professor Abel-Smith, Dr. Downes and others (First Year).
- (b) Professor Donnison, Mr. Jenner and others (Second Year).

FOR GRADUATE STUDENTS

M.Sc.—Social Administration and Social Work Studies

- 743. Social Policy and Administration.** Professor Titmuss.
For M.Sc.—*Social Policy and Administration* XV 1.

744. Medical Care. Professor Abel-Smith.For M.Sc.—*Medical Care*, XV 2 (i).**745. Social Security.** Professor Abel-Smith.For M.Sc.—*Social Security*, XV 2 (ii).**746. Welfare Services.** Lecturers to be announced.For M.Sc.—*Welfare Services*, XV 2 (iii).**747. Housing and Town Planning.** Professor Donnison.For M.Sc.—*Housing and Town Planning*, XV 2 (iv).**748. Community Development.** Mr. Hodge.For M.Sc.—*Community Development*, XV 2 (v).**Other Graduate Courses****749. Seminar in Social Administration.** Professor Donnison will hold a weekly seminar for graduate students throughout the session.

The following courses offered by other Departments are relevant to the B.Sc. (Sociology) Branch III and the Diploma in Social Administration. Students will discuss with their tutors which of these and other suitable courses they will attend.

- No. 5.—**Social Policy in Developing Countries.**
- No. 8.—**Introduction to Economics.**
- No. 12.—**The Economics of the Labour Market.**
- No. 26.—**Economic Aspects of British Social Services.**
- No. 68.—**The Economics of Poor Countries and their Development.**
- No. 262.—**Introduction to Modern English Economic History.**
- No. 576.—**The Aims and Methods of Governmental Planning.**
- No. 640.—**Introduction to Social Anthropology.**
- No. 652.—**Social Implications of Technological Change.**
- No. 653.—**Introduction to Applied Anthropology.**
- No. 654 (a)—**Applied Anthropology and Social Development in Low-Income Countries.**
- No. 701.—**Psychoanalytic Theory.**
- No. 702.—**General Introduction to Psychology.**
- No. 703.—**Methods and Measurement in Psychology.**
- No. 704.—**General Course in Social Psychology.**
- No. 773.—**Child Development.**
- No. 830.—**Introduction to Sociology (Theories of Society).**
- No. 835.—**Elements of Social Structure.**
- No. 842.—**The Social Structure of Modern Britain.**
- No. 844.—**The Social Structure of Modern Britain (Classes).**
- No. 845.—**Criminology.**
- No. 848.—**Selected Problems of Criminology and Penology.**
- No. 915.—**Elementary Statistical Methods.**
- No. 916.—**Elementary Statistical Methods (Classes).**

No. 918.—**Statistical Methods (Sociology, Branch III).**No. 939.—**Survey Methods in Social Investigation.**

M.Sc. and other graduate students are also referred to:—

No. 869.—**Race Relations.****Diploma in Personnel Management****750. Principles and Practice of Personnel Management.** A series of lectures and classes will be held by Miss Seear 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. Psychological and organisational factors in communication.

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. Methods of Social Research in Industry.** Mr. Thurley. Lectures and classes, Michaelmas and Lent Terms.

For students who will be undertaking project work for Part II of the Diploma in Personnel Management.

Diploma for Social Workers in Mental Health

Note: Lectures and seminars numbered 770, 772 and 774-781 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. Behaviour in its Social Context. Mr. Plowman and Mr. Timms. Twelve lectures, Michaelmas and Lent Terms.

Also for students attending the course in Applied Social Studies.

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. Child Development. Miss Elkan. Ten lectures, Michaelmas Term.

This course may be attended by One-Year students reading for the Diploma in Social Administration, including Overseas Option.

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.—R. W. B. Ellis (Ed.), *Child Health and Development*; B. Spock, *The Pocket Book of Baby and Child Care*; G. Caplan, *Emotional Problems of Early Childhood*; M. Middlemore, *The Nursing Couple*; S. Fraiberg, *The Magic Years*; L. M. Ruben, *Parent Guidance in the Nursery School*; J. and E. Newson, *Infant Care in an Urban Community*; D. Burlingham and A. Freud, *Infants without Families*; A. L. Gesell et al., *The First Five Years of Life*; *The Child from Five to Ten*; *Youth: the Years from Ten to Sixteen*; S. S. Isaacs, *Social and Emotional Development in Young Children*; *Intellectual Growth in Young Children*; *The Children We Teach*; *Childhood and After*; D. W. Winnicott, *The Child and the Family*; *The Child and the Outside World*; *The Family and Individual Development*; *The Maturation Processes and the Facilitating Environment*; L. B. Murphy et al., *The Widening World of Childhood*; I. M. Josselyn, *Psychosocial Development of Children*; *The Adolescent and his World*; J. Piaget, *The Origins of Intelligence in Children*; I. Bennett, *Delinquent and Neurotic Children*; P. Blos, *On Adolescence*; R. J. Havighurst and H. Taba, *Adolescent Character and Personality*; D. Miller, *Growth to Freedom*; M. A. Sechehaye, *Renée: Diary of a Schizophrenic Girl*; S. Escalona and G. M. Heider, *Prediction and Outcome*; A. Solnit and S. Provence, *Modern Perspectives in Child Development*; A. Freud, *Normality and Pathology in Childhood*; S. Freud, *Analysis of a Phobia in a Five-Year-Old Boy (Little Hans)* in *Collected Papers Vol. 3*; M. Klein, *Psychoanalysis of Children*; F. Allen, *Psychotherapy with Children*; M. Wolfenstein and G. Kliman, *Children and the Death of a President*; Published Annually: *The Psychoanalytic Study of the Child*; *Journal of Child Psychotherapy*.

774. Clinical Aspects of Child Development. Dr. 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.

775. (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.

776. Social and Psychological Aspects of Mental Subnormality. Mr. Mittler. Five lectures, Lent Term.

Syllabus.—The nature, classification and social problem of mental subnormality.

Recommended reading.—TEXTBOOKS: M. and A. D. B. Clarke, *Mental Deficiency: the Changing Outlook* (2nd edn.); T. Hilliard and B. Kirman, *Mental Deficiency* (2nd edn.); SOCIAL PROBLEMS AND SOCIAL SERVICES: J. Tizard, *Community Services for the Mentally Handicapped*; J. Tizard and J. Grad, *The Mentally Handicapped and their Families: a Social Survey*; *The Needs of Mentally Handicapped Children* (Report of a Paediatric Society Working Party 1962); H. Freeman and J. Farndale (Eds.), *Trends in the Mental Health Services*; P. Mittler, *The Mental Health Services*, Fabian Research Series 252; H. C. Gunzburg, *The Social Rehabilitation of the Subnormal*; EDUCATION: A. E. Tansley and R. Gulliford, *The Education of the Slow-Learning Child*; S. A. Kirk, *The Early Education of the Mentally Retarded*; M. Neale and W. J. Campbell, *The Education of the Intellectually Limited Child and Adolescent*; ADMINISTRATION: *A Hospital Plan for England and Wales* (Cmd. 1602, 1962); *Health and Welfare: The Development of Community Care* (Cmd. 1973, 1963) (Revision to 1974).

777. Psychology of Family Relations. Mr. Woodhouse. 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*; E. Balint and D. L. Woodhouse, "How Will This Marriage Work?" Parts I and II (*Social Work*, October 1962); K. Bannister and L. Pincus, *Shared Phantasy in Marital Problems: Therapy in a Four-person Relationship* (for Family Discussion Bureau); H. V. Dicks, "World Wide Problems: Marriage Relationships in Different Cultures" (*Social Work*, October 1962); H. V. Dicks, "Sexual Problems in Marriage" (*Proceedings*, Royal Soc. Med. 1959); H. V. Dicks "Object Relations Theory and Marital Status" (*Brit. J. Med. Psychol.* 1963); B. Ellis "Unconscious Collusion in Marital Interaction" (*Social Casework* 1964); E. H. Erikson, *Childhood and Society* (2nd edn. 1963); M. E. Huneus, "A Dynamic Approach to Marital Problems" (*Social Casework* 1963); J. D. Sutherland, "Psychotherapy and Social Casework" in E. M. Goldberg et al. (Eds.), *The Boundaries of Casework* (Association of Psychiatric Social Workers, 1956); D. L. Woodhouse, "Psychiatric Influence in Community Services" (No. II in Association of Psychiatric Social Workers, *Ventures in Professional Co-operation*).

778. 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 types of intelligence tests. Growth and decline of intelligence. Intellectual 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.

(c) Personality disorders: reactions to stress; neurosis from the behaviourist standpoint; behaviour therapy.

Recommended reading.—A bibliography will be given at the beginning of the course.

779. 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.

780. Social Work in Psychiatric Settings. Mrs. McDougall, Miss Parsloe 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.

781. Social Work and Family Welfare. Miss Bell. Weekly Seminars, Michaelmas Term.

Syllabus.—Changing patterns of need and stress in the family. Problems of co-operation and co-ordination in the family welfare services. The role of the social worker in services for deprived, delinquent and handicapped children. Co-operation with the psychiatric social worker. Proposals for reform.

Field Work Supervisors to the Mental Health Course

Miss I. Bergman	}	Maudsley Hospital, Denmark Hill, S.E.5. (Adults.)
Miss M. Eden		
Miss J. Lambourn		
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		
Miss I. Forstner		Department of Psychological Medicine, University College Hospital, 23, Devonshire Street, W.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 Miss M. Swaine, B.A.	Napsbury Hospital, St. Albans.
Miss J. Barton Miss D. Perry	Belgrave Hospital for Children, 1, Clapham Road, S.W.9.
Mrs. B. Litauer	Wimbledon Child Guidance Clinic, All Saints Road, S.W.19.
Mrs. M. O'Neill	Department of Psychological Medicine, St. Bartholomew's Hospital, E.C.1.
Miss M. M. Bailey	Academic Department of Psychiatry, Middlesex Hospital Medical School, W.1.

Diploma in Applied Social Studies

Note: Lectures and seminars numbered 800 to 810 are restricted to students registered for this course.

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. 779.

802. Human Growth and Development. Dr. Stewart Prince. Twenty-eight 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. Winnicott. Eight 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 and Miss Parsloe. Six 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. Eight 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. Six lectures then follow on physical growth and development and on some of the more common childhood diseases.

II. Dr. Horder. Seven 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, Dr. Parker and Mr. Plowman. Lent and Summer Terms.

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. Psychology and administration: communication, perception, role and status.

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. Michaelmas Term.

Syllabus.—This course deals with the general principles of law and practice (including rules of evidence) in Courts, with particular reference to the constitution, jurisdiction and powers of Magistrates' Courts in dealing with children and young persons, in domestic proceedings, and in the making of affiliation orders. Reference is made to the Statutes and statutory instruments from which the powers of Courts are derived and in particular to the relevant parts of the following Acts as amended and to Rules made under them:

Criminal Justice Act, 1948, and Criminal Justice Act, 1961
Children Acts, 1948 and 1958
Children and Young Persons Acts, 1933 to 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* (Cmnd. 1191, October 1960) should be read before attending the course.

FURTHER READING.—A. C. L. Morrison, *Notes on Juvenile Court Law*; R. M. Jackson, *The Machinery of Justice in England* (3rd edn.); W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children and Young Persons* (6th edn.).

808. Social Work and Medical Settings. Miss Butrym. Twelve lecture-seminars, Lent and Summer Terms.

Syllabus.—Characteristics of the hospital as a social institution in which professional groups work together for a common purpose. The medical social worker's contribution in relation to the hospital's function. The principles and problems of relating the social casework service to medical care, 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 in the Probation and After-Care Service. Miss Parsloe. Twelve 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.).

Students are also expected to attend the following course:

No. 771.—**Behaviour in its Social Context.**

Graduate Courses

811. Social Work Education. Mrs. K. McDougall, Miss Butrym and others. Weekly seminars, Sessional.

812. Research in Social Welfare. Mr. Timms, Mr. Plowman and others. Weekly seminars, Lent and Summer Terms.

813. Methods of Social Work. Mrs. K. McDougall, Mr. Myers, Mrs. Thomas and others. Weekly seminars, Sessional.

814. Social Administration. Miss Bell, Professor Donnison and Dr. R. A. Parker. Fourteen seminars, Lent and Summer Terms.

815. Psychoanalytic Theory. Miss Elkan. Six seminars, Michaelmas Term.

816. Group Dynamics. Miss Parsloe. Dates to be arranged.

Supervisors to the Course in Applied Social Studies

Miss P. Deane	}	Probation Officers, London Probation Service.
Miss G. F. Rawlings		

Mr. B. Betteridge	}	Probation Officers, Hertfordshire Probation Service.
Mr. T. Burke		
Mrs. M. Martyr		

Mr. H. Bordeleau	}	Senior Child Care Officers, Children's Department, London Borough of Tower Hamlets.
Miss F. E. Ney		

Miss J. Edmonds Miss S. M. Poupard	} Senior Child Care Officers, Children's Department, London Borough of Wandsworth.
Miss U. Behr	Senior Child Care Officer, Children's Department, Essex.
Mrs. H. M. Clare	Senior 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 J. M. Brierley	Medical Social Worker, St. George's Hospital.
Mrs. P. Thomas Miss B. Dickeson Mrs. J. Jordan Mrs. R. M. C. Welldon	} Family Caseworkers, Family Welfare Association, London.
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 6 (First 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. Mathematics for Sociologists (An Introductory Course). Mr. Steuer. Twenty lectures and classes.

Optional for B.A./B.Sc. Sociology Branches I and II (First and Second Years).

832. 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; *Philosophy of Social Knowledge*, XVI 8a (Second Year); B.A./B.Sc. (Sociology) Branch I, 1 and Branch II, 1 (Second Year); B.A. Honours in Anthropology (Second Year); Academic Diploma in Social Anthropology (Second Year). Recommended for M.Sc.—*Political Sociology* XIV 4 (Preliminary Year); *Sociological Theory*, XVII 1.

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*; J. A. Rex, *Key Problems of Sociology*.

Selected texts and commentaries: 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*; T. Parsons, *The Structure of Social Action*; T. Parsons, *The Social System*; T. Parsons, *Essays in Sociological Theory*; M. Black (Ed.), *The Social Theories of Talcott Parsons*; 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* (chaps. VIII-X); M. Ginsberg, *Essays in Sociology and Social Philosophy* (Vols. I, II and III); K. Mannheim,

Essays on the Sociology of Knowledge (chaps. 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*; K. R. Popper, *The Poverty of Historicism*; M. Weber, *The Methodology of the Social Sciences*; A. R. Radcliffe-Brown, *A Natural Science of Society*; P. Winch, *The Idea of a Social Science and its Relation to Philosophy*.

833. 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.

834. Sociology of 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 Social 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 connections with conduct.

Recommended reading will be given during the course.

834(A). Sociology of Religion (Class). Dr. D. A. Martin and Mrs. Scharf will hold classes in conjunction with Course No. 834.

835. 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); students taking Sociology as a subsidiary subject to a first degree; Diploma in Personnel Management; Diploma in Social Administration (Overseas Option, Second Year and One-Year); Diploma in Social Administration (First Year; optional for 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 Pirenne 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*.

835(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).

836. 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.

837. Social Structure and Social Change. Professor Dore. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) Branch I, 9 and 10a (Second and Third Years); M.Sc.—*Social Structure and Social Change*, XVII (9); graduate students in Social Anthropology.

Recommended reading.—R. M. MacIver, *Social Causation*; M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. III; 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*; G. Hunter, *The New Societies of Tropical Africa*; P. Laslett, *The World We Have Lost*; G. and M. Wilson, *The Analysis of Social Change*; J. Steward, *Social Evolution*; R. Redfield, *The Primitive World and its Transformations*; S. M. Lipset, *Political Man*; C. C. Brinton, *The Anatomy of Revolution*; E. and A. Etzioni, *Social Change*; B. Hoselitz, *Sociological Aspects of Economic Growth*; N. J. Smelser, *Social Change in the Industrial Revolution*; C. Kerr et al., *Industrialism and Industrial Man*; C. Geertz, *Old Societies and New States*; D. C. McClelland, *The Achieving Society*; B. F. Hoselitz and W. E. Moore, *Industrialization and Society*; W. J. Goode, *The Modern Revolution and the Family*.

838. 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*.

(ii) Simple Societies: A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage* (Introduction); R. Firth, *Economics of the New Zealand Maori* (Introduction); M. Mauss, *The Gift*; L. P. Mair, *An Introduction to Social Anthropology*.

(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*; J. W. Hall, "Feudalism in Japan—a Reassessment" (*Comparative Studies in Society and History*, Vol. V, 1962–63).

(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 Southeastern 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*.

839. Political Sociology. Professor McKenzie and Mr. Stewart. Twenty-five 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 M.Sc.—*Political Sociology*, XIV 4; *Theories and Concepts of Political Sociology*, XVII 14; *Political Stability and Change*, XVII 15; *The Study of Political Behaviour*, XVII 16; and other 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 role and social background of political decision-makers. Bureaucracy and the administrative process. The Sociology of political instability and change.

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. Beer, *Modern British Politics*; 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*; R. Aron, *Main Currents in Sociological Thought*.

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, *Sociological Writings*; 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" (*The 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 A. King, *The British General Election of 1964*; R. Rose, *Politics in England*; *Studies in British Politics*; 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. 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*.

840. 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*.

840(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.—Special attention will be given to Greek and Roman religion, early Christianity, bureaucracy and the status of women.

841. 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.

842. The Social Structure of Modern Britain. Dr. Little, Mr. Westergaard, Miss Lear and Mr. Burrage. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, IX 6; B.A./B.Sc. (Sociology), Branch I, 7 and 8a; B.Sc. (Sociology), Branch III, 6 (Second Year); Diploma in Social Administration (Second Year and One-Year).

Syllabus.—The recruitment and distribution of the population; demographic change and their social significance; the family: its structure and functions. Urban concentration and diffusion; land use planning and its social implications.

Concepts of stratification and contemporary issues; the economic basis of stratification;

elites and the distribution of power; cultural differences and the relations between classes; social mobility; the influence of the educational system.

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 religious and moral codes; church, family and school as agencies of social control. The institutions of public justice. Communication and mass media.

Recommended reading.—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. Willmott, *Family and Kinship in East London*; O. R. McGregor, *Divorce in England*; T. H. Hollingsworth, *The Demography of the British Peasage*; W. Ashworth, *The Genesis of Modern British Town Planning*; R. Glass, "Urban Sociology in Great Britain" (*Current Sociology*, Vol. IV, No. 4); Centre for Urban Studies (Ed.), *London: Aspects of Change*; J. B. Cullingworth, *Housing Needs and Planning Policy*; M. Stacey, *Tradition and Change*; J. Saville, *Rural Depopulation in England and Wales*; A. D. Rees, *Life in a Welsh Countryside*; J. Littlejohn, *Westrigg*; C. A. R. Crosland, *The Future of Socialism*; P. Anderson and R. Blackburn (Eds.), *Towards Socialism*; T. B. Bottomore, *Elites and Society*; H. F. Lydall, *British Income and Savings*; C. Clark and D. Stuvell (Eds.), *Income and Wealth, Series X*; 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*; S. Beer, *Modern British Politics*; J. Blondel, *Voters, Parties and Leaders*; 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*; P. Foot, *Immigration and Race in British Politics*; M. Freedman, *A Minority in Britain*.

Additional reading lists will be given for class work.

843. The Social Structure of Modern Britain: Selected Topics.

Professor Glass, Professor McKenzie and others. Fifteen lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology), Branch I, 7 and 8a (Third Year). Optional for B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, IX 6 (Third Year).

A syllabus will be given at the beginning of the course.

844. 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); for B.A./B.Sc. (Sociology), Branch I, 7 and 8a (Second and Third Years) and for B.Sc. (Sociology) Branch III, 6 (Second Year).

845. 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); optional for Diploma in Social Administration (including Overseas option First-Year and One-Year).

Syllabus.—Conception of crime. Functions and methods of criminology. Crimina 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. Mannheim, *Comparative Criminology*; H. Jones, *Crime and the Penal System* (2nd edn); E. H. Sutherland, *Principles of Criminology* (6th edn. revised by D. R. Cressey); N. Walker, *Crime and Punishment in Britain*; M. Grünhut, *Penal Reform*; L. W. Fox, *The English Prison and Borstal Systems*; W. A. Elkin, *The English Penal System*; Central Office of Information, *The Treatment of Offenders in Britain*, 1960; U.K. Home Office, *Prisons and Borstals* (Revised edn., 1960); 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*; P. J. Morris, *Prisoners and their Families*.

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.

846. Some Theoretical Aspects of Criminology. Dr. Little.
Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Criminology*, IX 8c; B.A./B.Sc. (Sociology) Branch I, 9 and 10d (Second and Third Years).

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

847. The Causes and Treatment of Crime (Class). Weekly classes will be held by Dr. T. P. Morris and Mrs. Heidensohn 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).

848. 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 (Second Year and One-Year). Suitable for students who have already attended Course No. 845.

Recommended reading.—As for Course No. 845 above. Further literature will be recommended during the course.

849. 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).

Note on Social Philosophy Courses: Courses Nos. 850-854 are intended principally for students reading sociology, and the main criterion governing content is relevance to sociology. The aim is to give students a general idea of the conceptual and ethical problems which arise in the study of society, so that they will be able to recognize these problems and to relate them both to major philosophies and to their own more concrete work in sociology.

Recommended reading.—Certain obviously relevant works listed under Course No. 832 (The Theories and Methods of Sociology) have not been repeated here. Nor are journal articles listed: references will be given during the courses. Some main journals in which relevant articles are likely to be found (apart from the standard sociological journals) are: *British Journal for the Philosophy of Science*, *Ethics*, *Inquiry*, *Mind*, *Philosophical Review*, *Philosophy*, *Philosophy of Science*, *Philosophy and Phenomenological Research*, *Proceedings of the Aristotelian Society* and *Ratio*.

(i) **SHORT INTRODUCTORY WORKS:** R. G. Collingwood, *An Autobiography*; A. C. Ewing, *Ethics*; W. K. Frankena, *Ethics*; J. H. Plumb (Ed.), *Crisis in the Humanities*; J. Wilson, *Thinking with Concepts*.

(ii) **WORKS WRITTEN AS OR USABLE AS TEXTBOOKS:** S. I. Benn and R. S. Peters, *Social Principles and the Democratic State*; C. D. Broad, *Five Types of Ethical Theory*; E. A. Gellner, *Thought and Change*; J. Hospers, *Human Conduct: An Introduction to the Problems of Ethics*; A. C. R. G. Montefiore, *A Modern Introduction to Moral Philosophy*.

(iii) **BOOKS OF READINGS:** R. B. Brandt (Ed.), *Social Justice*; W. H. Dray (Ed.), *Philosophical Analysis and History*; P. L. Gardiner (Ed.), *Theories of History*; S. Hook (Ed.), *Determinism and Freedom in the Age of Modern Science*; T. P. R. Laslett (Ed.), *Philosophy, Politics and Society*; T. P. R. Laslett and W. G. Runciman (Eds.), *Philosophy, Politics and Society* (Second Series); A. I. Melden (Ed.), *Ethical Theories: A Book of Readings*; F. A. Olafson (Ed.), *Society, Law and Morality: Readings in Social Philosophy*; W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory*.

(iv) **RECENT COMMENTARIES AND SURVEYS:** P. Corbett, *Ideologies*; M. W. Cranston, *Freedom—A New Analysis*; A. P. d'Entrèves, *Natural Law*; J. P. Plamenatz, *Man and Society*; J. P. Plamenatz, *The English Utilitarians*; W. G. Runciman, *Social Science and Political Theory*; H. M. Warnock, *Ethics since 1900*.

(v) **COLLECTED ESSAYS:** M. Ginsberg, *On the Diversity of Morals*; M. J. Oakeshott, *Rationalism in Politics and Other Essays*; C. L. Stevenson, *Facts and Values*.

(vi) **SELECTED STANDARD WORKS:** Aristotle, *The Nicomachean Ethics*; J. Bentham, *An Introduction to the Principles of Morals and Legislation*; 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*; I. Kant, *Groundwork of the Metaphysic of Morals* (Ed. H. J. Paton); I. Kant, *The Doctrine of Virtue* (Trans. M. J. Gregor); J. S. Mill, *Utilitarianism*; J. S. Mill, *Liberty*; Plato, *The Republic*; E. A. Westermarck, *Ethical Relativity*.

(vii) **RECENT WORKS:** A. J. Ayer, *Language, Truth and Logic*; B. M. Barry, *Political Argument*; P. L. Berger, *Invitation to Sociology: A Humanistic Perspective*; I. Berlin, *Historical Inevitability*; I. Berlin, *Two Concepts of Liberty*; M. J. Cowling, *Mill and Liberalism*; B. R. Crick, *In Defence of Politics* (Pelican edn.); C. A. R. Crosland, *The Future of Socialism*; A. C. Danto, *Analytical Philosophy of History*; L. S. Feuer, *Psychoanalysis and Ethics*; J. C. Flugel, *Man, Morals and Society*; S. Freud, *Civilisation and its Discontents*; E. Fromm, *Sigmund Freud's Mission*; W. B. Gallie, *Philosophy and the Historical Understanding*; M. Ginsberg, *On Justice in Society*; R. M. Hare, *The Language of Morals*; H. L. A. Hart, *The Concept of Law*; H. L. A. Hart, *Law, Liberty and Morality*; L. T. Hobhouse, *The Metaphysical Theory of the State*; E. Kamenka, *The Ethical Foundations of Marxism*; E. Kedourie, *Nationalism*; G. Lichtheim, *Marxism*; A. Macbeath, *Experiments in Living*; A. C. MacIntyre, *The Unconscious: A Conceptual Analysis*; C. B. Macpherson, *The Political Theory of Possessive Individualism*; K. R. Minogue, *The Liberal Mind*; R. E. Money-Kyrle, *Man's Picture of the World*; R. E. Money-Kyrle, *Psychoanalysis and Politics*; K. R. Popper, *The Open Society and Its Enemies*; K. R. Popper, *The Poverty of Historicism*; A. N. Prior, *Logic and the Basis of Ethics*; M. Richter, *The Politics of Conscience: T. H. Green and His Age*; G. Sartori, *Democratic Theory*; J. P. Sartre, *Existentialism and Humanism*; W. J. H. Sprott, *Science and Social Action*; J. L. Talmon, *The Origins of Totalitarian Democracy*; J. L. Talmon, *Political Messianism: The Romantic Phase*; R. M. Tucker, *Myth and Reality in Karl Marx*; C. H. Waddington et al., *Science and Ethics*; P. G. Winch, *The Idea of a Social Science*.

850. Introduction to Social Philosophy. Mr. Newfield. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (Second Year); B.A./B.Sc. (Sociology) Branch I, 4 and Branch II, 3 (First Year).

Syllabus.—The first part of this course is concerned with making explicit and systematically examining certain assumptions implicit in widely-held belief systems like Marxism, utilitarianism, Platonism, moral relativism, empiricism, positivism and religion. The second part treats in more detail some main ethical theories and their background in the general philosophy of their authors, considerable attention being given to the connections between these theories and sociology.

Recommended reading.—See Note on pages 512-3. Further references for reading will be given during the course.

851. Structure of Ethical Theories. Professor Gellner. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (Third Year); *Moral and Political Philosophy*, XVI 4a (Second Year); B.A./B.Sc. (Sociology) Branch I, 4 and Branch II, 3 (Second Year); B.A. (Philosophy and Economics) (Second and Third Years).

Syllabus.—Selected recent or contemporary social philosophies will be discussed.

Recommended reading.—See Note on pages 512-3. Further references for reading will be given during the course.

852. Concepts of Society. Professor Gellner. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Theories and Methods of Sociology*, IX 4; *Philosophy of Social Knowledge* XVI 8a (Third Year); B.A./B.Sc. (Sociology) Branches I and II, 1 (Third Year); M.Sc.—*Theories and Concepts of Political Sociology*, XVII (14); *Political Stability and Change*, XVII (15); *The Study of Political Behaviour*, XVII (16).

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.—See Note on pages 512-3. Further references for reading will be given during the course.

853. Ideology and Conservatism. Professor Gellner. Ten lectures, Lent Term.

For B.A./B.Sc. (Sociology), Branch I, 1 and Branch II, 1 (Third Year); M.Sc.—*Political Sociology*, XIV 4; *Theories and Concepts of Political Sociology*; XVII 14; *Political Stability and Change*, XVII 15; *The Study of Political Behaviour*, XVII 16.

Recommended reading.—See Note on page 512. Further references for reading will be given during the course.

854. Social Philosophy Classes. (a) A fortnightly class will be held throughout the session for B.Sc. (Econ.) Part II—*Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (Second Year); B.A./B.Sc. (Sociology), Branch I, 4 and Branch II, 3 (First Year).

(b) A fortnightly class will be held in the Michaelmas and Lent Terms 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).

855. General Sociology Classes. Classes will be held weekly throughout the session for B.A./B.Sc. (Sociology) Branches I and II.

856. 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 and Dr. D. A. Martin will hold a weekly class for first-year graduate students of sociology preparing to take the departmental qualifying examination.

861. Sociological Theory. Dr. Cohen.

(a) Seminar, Sessional.

(b) Ten lectures, Summer Term.

862. Design and Analysis of Social Investigations. Professor Moser, Miss Gales, Mr. Lewis, Dr. Oppenheim and Mr. Westergaard. Two hours per week, Sessional.

For M.Sc.—*Methods of Sociological Study*, II 3; XVII 2; *Survey Methods*, XVIII 8. 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 data and the analysis and interpretation of results.

Recommended reading.—Detailed recommendations will be made during the course, but the following may be regarded as background reading: 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*; S. Payne, *The Art of Asking Questions*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*.

862(A). Design and Analysis of Social Investigations: Project Class. Mr. Lewis and Mr. Westergaard. One-and-a-half hours per week, Lent and Summer Terms.

Optional for M.Sc.—*Methods of Sociological Study*, II 3i; XVII 2. Students should attend either this course or course No. 991 or 992.

863. Social Structure of Industrial Societies. (This course will not be given in the session 1966-67.)

864. Sociology of Deviant Behaviour (Criminology). Dr. Morris and Dr. Little.

Syllabus.—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.

865. **Sociology of Deviant Behaviour II.** Dr. T. P. Morris and Dr. Little. Michaelmas and Lent Terms.

Syllabus.—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 violater.

Recommended reading will be given during the course.

866. **Social Structure and Social Change.** (This course will not be given in the session 1966-67.)

867. **Social Structure of Non-Industrial Societies.** (This course will not be given in the session 1966-67.)

868. **Sociology of Development.** (a) Professor Dore. Ten lectures, Michaelmas Term.

For graduate students and also for B.A./B.Sc. (Sociology) Branch I, 9 and 10a (Third Year).

(b) Professor Dore, Professor Gellner, Dr. Little and others will hold a seminar beginning in the fifth week of the Michaelmas Term.

869. **Race Relations.** Dr. Patterson and Mr. Jenner. Also for M.Sc. in Social Administration, Option 2 (vii). Students may attend by arrangement with the teachers concerned.

— **Political Sociology** (in conjunction with the Government Department, see Course No. 603).

(a) **Theories and Concepts of Political Sociology.** Dr. Miliband. Weekly.

(b) **Political Stability and Change.** Mr. Madian, Mr. B. B. Schaffer and Mr. Stewart. Twenty meetings, Sessional. (Students should also attend Course No. 595.)

(c) **Political Behaviour.** Weekly, Lent and Summer Terms.

Note.—The attention of graduate students specialising in Sociology is drawn to the following seminars:

235. **Regional Problems in Latin America (Seminar).** An interdepartmental seminar. Admission by permission.
609. **Problems of Contemporary Socialism.** Held by Dr. Miliband in the Lent Term.
661. **Seminar on Comparative Social Institutions (Western, Oriental and Primitive).** Held by Professor Freedman, Professor MacRae and Professor Schapera throughout the session.

Other Graduate Courses

871. **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. Mead, *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.

872. **Social and Demographic Problems in Medicine.** Dr. Douglas. Six lectures, Lent Term.

For M.Sc.—*Problems of Public Health and Sociomedical Research*, II 3(v) and other graduate students and optional for B.A./B.Sc. (Sociology) Branch I, 9 and 10c (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.

873. **Social Structure and Social Change in Latin America.** Mr. de Kadt. 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.

874. The Social Structure of Modern Japan. Professor Dore. Ten lectures, Lent 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*; M. B. Jansen, *Changing Japanese Attitudes to Modernization*; W. W. Lockwood, *The State and Economic Enterprise in Japan*.

875. Japanese Development (Seminar). Professor Dore will hold a seminar in the Lent Term on selected aspects of social change in Japan.

876. Sociology of Conflict. Mr. de Kadt. Six lectures, Lent Term. (This course will not be given in the session 1966-67.)

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.

Reference should also be made to the following sections and courses:—

Anthropology.

Demography.

Psychology.

Social Science and Administration.

No. 917.—**Statistical Methods (Sociology, Branches I and II).**

No. 938.—**The Nature and Sources of Social Statistics.**

No. 939.—**Survey Methods in Social Investigation.**

**STATISTICS, MATHEMATICS, COMPUTING
AND OPERATIONAL RESEARCH**

	Page
(a) Mathematics	521
(b) Statistical Theory and Method	523
(c) Applied Statistics	527
(d) Computing and Operational Research	532
(e) Graduate Courses	535

STATISTICS, MATHEMATICS, COMPUTING AND OPERATIONAL RESEARCH

(a) MATHEMATICS.

900. Basic Mathematics. Professor Sir Roy 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; XI 3a; XVI 2b (Second Year); M.Sc. XII (Logic) 2 (iii). 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*.

901. Basic Mathematics, First-Year Class. Mr. T. M. F. Smith, Dr. Scott and others. 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. 900.

902. 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; XI 3a; XVI 2b (Second Year). The classes will be held in conjunction with Course No. 900.

903. Basic Mathematics, Third-Year Class. Mr. Steuer. Two hours per week, Lent Term.

For B.Sc. (Econ.) Part II—*Introduction to Modern Mathematics*, I 2b; III 3i; XVI 2b (Third Year).

904. Intermediate Mathematics. Arranged by Dr. Maunder. Twenty lectures, Michaelmas and Lent Terms.

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.

- 905. Intermediate Mathematics Class.** Arranged by Dr. Maunder. Twenty classes, Sessional (beginning in the third week of the Michaelmas Term).

The classes will be held in conjunction with Course No. 904.

- 906. Mathematics A.** Mr. J. J. Thomas and others.
(a) Second Year: three hours per week, Michaelmas and Lent Terms.
(b) Third Year: one hour per week, Lent Term.

For B.Sc. (Econ.) Part II—*Mathematics A*, I 2c; II 2a; III 3h; IV (Revised Regulations 6, 7 and 8j; V 2c; XI (Revised Regulations) 3b.

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*; R. P. Gillespie, *Partial Derivatives*; W. Maak, *Introduction to Modern Calculus*.

- 907. Linear Algebra.** Mr. Garside. Sixteen lectures, Michaelmas Term (two lectures per week for the first eight weeks of term).

For B.Sc. (Econ.) Part II—*Mathematics B*, I 2d; II 2b; IV 6, 7 and 8j; V 2d; X 3; XI 3c (Second Year).

Syllabus.—Determinants and linear equations. Vectors and vector spaces. Matrices and quadratic forms. Characteristic roots and vectors.

Recommended reading.—G. Hadley, *Linear Algebra*.

- 908. Calculus of Several Variables.** Mr. Hajnal. Fourteen lectures, Michaelmas and Lent Terms (two lectures per week beginning in the ninth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—*Mathematics B*, I 2d; II 2b; IV 6, 7 and 8j; V 2d; X 3; XI 3c (Second Year).

Syllabus.—Multiple integrals. Jacobians. Change of variable. Taylor's Theorem. Extreme values. Lagrange multipliers.

Recommended reading.—B. H. Chirgwin and C. Plumpton, *A Course of Mathematics*, Volume II; E. A. Maxwell, *An Analytical Calculus*, Volume III. For supplementary study, R. Courant, *Differential and Integral Calculus*; J. M. H. Olmsted, *Real Variables*.

- 909. Differential Equations and Numerical Methods.** Dr. Wallis. Fourteen lectures, Lent and Summer Terms (two lectures per week beginning in the sixth week of the Lent Term).

For B.Sc. (Econ.) Part II—*Mathematics B*, I 2d; II 2b; IV 6, 7 and 8j; V 2d; X 3; XI 3c (Second Year).

Syllabus.—Differential equations. Difference equations; generating functions. Interpolation and numerical integration.

Recommended reading.—B. H. Chirgwin and C. Plumpton, *A Course of Mathematics*, Volume II; H. T. H. Piaggio, *Differential Equations*; S. Goldberg, *Introduction to Difference Equations*; H. Freeman, *Mathematics for Actuarial Students*, Part II.

- 910. Functions of a Complex Variable and Related Topics.** Mr. Hajnal. Sixteen lectures, Summer Term (two lectures per week beginning in the third week of the Summer Term).

For B.Sc. (Econ.) Part II—*Mathematics B*, I 2d; II 2b; IV 6, 7 and 8j; V 2d; X 3; XI 3c (Second Year).

Syllabus.—Differentiation and integration of functions of a complex variable. Series expansions. Evaluation of real integrals. Fourier series. Laplace and Fourier transforms.

Recommended reading.—B. H. Chirgwin and C. Plumpton, *A Course of Mathematics*, Volume V; E. G. Phillips, *Functions of a Complex Variable*; R. L. Goodstein, *Complex Functions*.

- 911. Mathematics B Second-Year Class.** Mr. Hajnal and others. Twenty-seven classes, Sessional (beginning in the third week of the Michaelmas Term).

The classes will be held in conjunction with courses Nos. 907–910.

- 912. Mathematics B (Third Year).** Miss Gales, Mr. Garside and Mr. Hajnal. One hour per week, Lent Term.

For B.Sc. (Econ.) Part II—*Mathematics B*, I 2d; II 2b; V 2d; X 3; XI 3c (Third Year).

- 913. Set Theory I.** Dr. Lakatos. Five two-hour lectures in the first five weeks of the Michaelmas Term.

For B.Sc. (Econ.) Part II—*Mathematical Logic*, X 6 and 7f; XI 2b; XVI 4b; *Elements of Computer Science*, XI 4 (Second Year); *Mathematics B*, I 2d; II 2b; V 2d; X 3; XI 3c (Third Year). Optional for *Mathematical Logic*, XVI 4b (Third Year); M.Sc.—*Statistical Theory I*, XI 1a; *Mathematical Logic XII (Logic) 1*; *Elements of Mathematical Logic*, XII (Scientific Method) 2 (iii); Diploma in Operational Research.

Syllabus.—The problem background of set theory. Algebra of sets. Relations and functions. Equivalence and ordering relations. The inconsistency of naive set theory.

Recommended reading.—P. R. Halmos, *Naive Set Theory*; R. R. Stoll, *Set Theory and Logic*, chap. I.

- 914. Set Theory II.** Dr. Lakatos. Five two-hour lectures in the last five weeks of the Michaelmas Term.

For B.Sc. (Econ.) Part II—*Mathematical Logic*, X 6 and 7f; XI 2b; XVI 4b; *Elements of Computer Science* XI 4 (Second Year); M.Sc.—*Mathematical Logic*, XII (Logic) 1. Optional for B.Sc. (Econ.) Part II—*Mathematical Logic* XVI 4b (Third Year); M.Sc.—*Statistical Theory I*, XI 1a and Diploma in Operational Research.

Syllabus.—The theory of cardinals and ordinals. The axiom of choice, the well-ordering theorem and Zorn's lemma. The basic ideas of the axiomatic approach.

Recommended reading.—P. R. Halmos, *Naive Set Theory*; R. R. Stoll, *Set Theory and Logic*, chaps. 2 and 7.

(b) STATISTICAL THEORY AND METHOD.

- 915. Elementary Statistical Methods.** Miss Gales and Dr. Maunder. Sixteen lectures. Michaelmas and Lent Terms (beginning in the fifth week of the Michaelmas Term).

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*, V 3 (first ten lectures); *Elements of Management Mathematics*, IV 6, 7 and 8i; V 2g (whole course); M.Sc.—*Management Mathematics*, I 4(i) (last five lectures); Diploma in Personnel Management. Optional for Diploma in Social Administration (Second Year and One-Year).

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*.

916. Elementary Statistical Methods Class. Dr. Maunder and others. Fifteen classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 915.

917. Statistical Methods (Sociology, Branches I and II).

For B.A./B.Sc. (Sociology) Branch I, 2; Branch II, 10c.

(a) First Year. Professor Moser and others. Fifteen hours, Lent and Summer Terms.

(b) Second Year. Miss Gales and Mr. Lewis. 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*; S. M. Dornbusch and C. F. Schmid, *A Primer in Social Statistics*; M. W. Tate, *Statistics in Education and Psychology*; G. Kalton, *Introduction to Statistical Ideas*.

918. Statistical Methods (Sociology, Branch III). Mr. Lewis.

(a) First Year: twenty-five hours, Sessional.

(b) Second Year: twenty-five hours, Sessional.

For B.A./B.Sc. (Sociology) Branch III (First Year).

Syllabus.—(a) 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.

(b) As for Course 939.

Recommended reading.—(a) as for Course No. 917.
(b) as for Course No. 939.

919. Elementary Statistical Theory—I. Mr. T. M. F. Smith. Twenty-three lectures, Sessional.

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; IV 3a; V 2c; XI 5, 6 and 7f; 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.); T. Yamane, *Statistics: an Introductory Analysis*.

920. Elementary Statistical Theory—I Class. Mr. T. M. F. Smith and others. Twenty classes, Sessional (beginning in the third week of the Michaelmas Term).

The classes will be held in conjunction with Course No. 919.

921. Elementary Statistical Theory—II. Dr. Desai. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Elements of Statistical Theory and Methods*, I 3c; II 3a; IV 3a; V 2c; XI 5, 6 and 7f; 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*.

922. 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 3c; II 3a; V 2c; XI 6 and 7c; XVI 3c (Third Year).

923. Introduction to Probability. Dr. Scott. Ten lectures and five classes, Michaelmas Term (to be held in the first five weeks of Term).

For M.Sc.—*Statistical Theory I*, XI 1a; B.Sc. (Econ.) Part II (Second Year)—*Statistical Theory*, II 3b; *Probability, Distribution and Sampling Theory*, X 4; XI 5, 6 and 7d; *Management Mathematics*, II 3c; X 6 and 7d (ii); XI 5, 6 and 7b; Diploma in Operational Research; M.Sc.—*Foundations of Probability and Statistics*, XII (Logic and Scientific Method) 2 iv; *Stochastic Processes and Applications*, XI 2a.

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*.

924. Theory of Statistical Distributions. Professor Stuart. Fifteen lectures, Lent Term.

For M.Sc.—*Statistical Theory I*, XIa; B.Sc. (Econ.) Part II—*Statistical Theory*, II 3b; *Probability Distribution and Sampling Theory*, X 4; XI 5, 6 and 7d (Second Year); Diploma in Operational Research.

Syllabus.—Distribution and frequency 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*.

925. Statistical Methods and Theory. Dr. Scott. Twenty lectures, Lent and Summer Terms.

For M.Sc.—*Statistical Theory I*, XI 1a; B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, X 5 (Second Year); Diploma in Operational Research.

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*.

926. Sample Survey Theory. Mr. Lewis. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7c, XI 5, 6 and 7e; *Theory of Statistical Methods*, X 5 (Second Year). Optional for M.Sc.—*Design and Analysis of Statistical Investigation*, XI 1b; XVIII (3).

Further treatment of sample survey theory is provided in Course No. 975.

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*; P. V. Sukhatme, *Sampling Theory of Surveys with Applications*.

927. Statistics Practical Class (Second Year). Dr. Brillinger and Dr. Scott. Fifteen classes of one-and-a-half hours, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—special subject Statistics (Second Year).

928. Estimation and Bayesian Inference Methods. Professor Durbin. Fifteen lectures and five classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Probability, Distribution and Sampling Theory*, X 4; XI 6 and 7c; *Statistical Theory*, II 3b (Third Year).

Syllabus.—Criteria of estimation: consistency, unbiasedness, efficiency, sufficiency, minimum variance. Least squares. Maximum likelihood. Elementary notions of the theory of tests of significance.

Bayes theorem. Prior distributions. Bayesian tests of significance and confidence intervals. Application to standard statistical problems based on the binomial, Poisson, normal and multinomial distributions.

Recommended reading.—A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; D. V. Lindley, *Introduction to Probability and Statistics from a Bayesian Viewpoint Vols. I and II*.

929. Further Statistical Methods and Theory. Dr. Brillinger. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, X 5 (Third Year).

Recommended reading.—D. A. S. Fraser, *Statistics: An Introduction*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. II and III.

930. Statistics Practical Class (Third Year). Mr. T. M. F. Smith. Fifteen classes of one-and-a-half hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—special subject Statistics (Third Year).

931. Statistical Theory Class. Professor 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

933. Introduction to Statistical Sources. Professor Sir Roy Allen. Ten lectures, Michaelmas Term.

NOTE.—Further treatments of statistical sources and applications are provided in Courses Nos. 938 and 943-946.

For B.Sc. (Econ.) Part II (Second Year)—*Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X6 and 7g; *Economic Statistics and Business Accounts*, V3; *General Statistics and Computing*, 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*.

934. Economic Statistics. Professor Sir Roy Allen, Dr. Maunder and Dr. Wallis.

- (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; IV 3b; VI 8h; X 6 and 7 g; XV 2 (option) (Second Year); M.Sc.—*Economic Statistics*, IV 2(iii); XVIII 4. The classes will be divided into several groups, some mainly non-mathematical, others 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. 933.

Recommended reading.—R. G. D. Allen, *Statistics for Economists*; C. A. Blyth, *The Use of Economic Statistics*; E. Devons, *An Introduction to British Economic Statistics*; A. R. Ilesic, *Statistics*; and the main U.K. official statistical publications.

935. **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. 934 (a).

936. **General Statistics.** Professor Moser and Miss Gales. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*General Statistics and Computing*, X 8; XI 8 (Second Year); M.Sc.—*Social Statistics*, XVIII 5.

937. **General Statistics and Computing.** Professor Sir Roy Allen and Mr. Garside.

(a) Second Year: ten meetings, Summer Term.

(b) Third Year: twenty meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*General Statistics and Computing*, X 8; XI 8; M.Sc.—*Economic Statistics*, IV 2(iii); XVIII 4.

938. **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 (Second and Third Years); XI 5, 6 and 7e (Second Year); XI 6 and 7d (Third Year); B.A./B.Sc. (Sociology) Branch I, 2; Branch II, 10c (Second Year); M.Sc.—*Social Statistics*, XVIII 5.

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.

939. **Survey Methods in Social Investigation.** Professor Moser and Miss Gales (day). Lecturer to be announced (evening). Ten lectures, Michaelmas Term for day students. Twelve hours including class work, Michaelmas and Lent Terms for evening students.

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 and Computing*, X 8; XI 8 (Second Year); Diploma in Social Administration (Second and One-Year); B.Sc. (Sociology) Branch III, 5 (Second Year); M.Sc.—*Methods of Sociological Study*, XVII 2 (preliminary year); *Survey Methods*, XVIII 8 (preliminary 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*.

940. **Survey Methods in Social Investigation Class.** Mr. Lewis and others, Five classes, Lent Term.

For B.Sc. (Econ.) Part I—alternative subject 8 *Methods of Social Investigation*.

941. **Social Statistics and Survey Methodology Class.** Professor Moser, Miss Gales and Mr. Lewis. 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); M.Sc.—*Social Statistics* XVIII 5; *Survey Methods*, XVIII 8 (preliminary year).

942. **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); M.Sc.—*Social Statistics*, XVIII 5. 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.

943. **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 5,

6 and 7c (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; M.Sc.—*Economic Statistics*, IV 2 (iii); XVIII 4; *Labour Statistics and Research Methods*, VII 2 (vi); *Social Statistics*, XVIII 5.

Syllabus.—Statistics of employment and unemployment, wages, earnings and cost of living. Special problems such as absenteeism, labour turnover, short-time and over-time 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. Prai, "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).

944. 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; IV (Revised Regulations) 3b; VI 8h; X 6 and 7g; XV 2 (option) (Second or Third Year); M.Sc.—*Economic Statistics* IV 2 (iii); XVIII 4.

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.

945. 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); M.Sc.—*Economic Statistics*, IV 2 (iii); XVIII 4; *Labour Statistics and Research Methods*, VII 2 (vi).

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. Kendrick, *Productivity Trends in the United States*.

Further reading will be recommended during the course.

946. International Trade and Balance of Payments. Professor Sir Roy Allen. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X 6 and 7g (Second Year); M.Sc.—*Economic Statistics*, IV 2 (iii); XVIII 4.

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*.

947. Time Series and Forecasting. Mr. J. J. Thomas. Eight lectures, Lent Term.

Optional for B.Sc. (Econ.) Part II—*Econometrics*, II 8; X 6 and 7c; *Economic Statistics*, I 6; II 6; III 8c; VI 8h; X 6 and 7g (Third Year).

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.

948. Compound Interest. Mr. Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Actuarial Statistics*, X 6 and 7a; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; *Business Finance*, IV 6, 7 and 8g; *Accounting*, V 7 and 8 (Second Year). M.Sc.—*Economic Aspects of Accounting*, I 1 and 2; III 3(xv); Diploma in Business Studies.

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*.

949. 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.

950. 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. 949.

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.

Note: For further courses in Demography reference should be made to Courses Nos. 680–690.

(d) COMPUTING AND OPERATIONAL RESEARCH

951. Introduction to Computing. Professor Foster. Fifteen lectures, Michaelmas Term. (Two lectures per week for the first five weeks.)

For B.Sc. (Econ.) Part II—*Elements of Computer Science*, XI 4; *Numerical Methods and Programming*, X 6 and 7d (i); XI 5, 6 and 7c; *Management Data Processing*, XI 5, 6 and 7a (Second Year); M.Sc.—*Automatic Data Processing*, XI 4(iii); I 4 (iv).

Syllabus.—Functional description of a computer; representation of data. Principles of programming; instructions; decisions; loops, instruction modification.

Basic machine coding applied to simple logical and numerical examples, including use of fixed and floating point number representation. Flow charts; program organisation; subroutines.

Instruction formats; fixed and variable word length. Symbolic programming. Automatic programming; assemblers; compilers; interpretive routines.

Problem formulation for computer solution; the intuitive concept of an algorithm and its representations.

Recommended reading.—A. D. Booth, *Digital Computers in Action*; R. S. Ledley, *Programming and Utilizing Digital Computers*; F. J. Gruenberger and D. D. McCracken, *Introduction to Electronic Computers*; F. J. Gruenberger and G. Jaffray, *Problems for Computer Solution*.

952. Fortran IV. Mr. Garside. Ten lectures. (Two lectures per week for the first five weeks of the Lent Term.)

For B.Sc. (Econ.) Part II—*Element of Computer Science*, XI 4; *Numerical Methods and Programming*, X 6 and 7d (i); XI 5, 6 and 7c (Second Year).

Syllabus.—The syntax of the I.B.M. Fortran IV system for the 1400 series computers.

Recommended reading.—The relevant manuals may be purchased from the Computing Service.

953. Numerical Methods and Programming, Second Year. Mr. Garside. Twenty hours, Lent and Summer Terms. (Two hours per week in the last five weeks of the Lent Term.)

For B.Sc. (Econ.) Part II—*Numerical Methods and Programming*, X 6 and 7d (i), XI 5, 6 and 7c (Second Year).

Syllabus.—The use of digital computers in the solution of problems in numerical analysis. Programming and coding. Fixed and floating point arithmetic. Routines for interpolation, numerical integration, solution of linear equations and matrix inversion. Error analysis and error reducing techniques. Applications in statistics.

Random number generation. Monte Carlo methods including variance reducing techniques and simple simulation models.

Recommended reading.—S. D. Conte, *Elementary Numerical Analysis*.

954. Numerical Methods and Programming, Third Year. Mr. Mayne. Five lectures, Michaelmas Term (beginning in the sixth week).

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, X 6 and 7d (i); XI 5 (Third Year).

955. Computing, Second-Year Class. Professor Foster and Mr. Must. Twenty-five hours. Sessional (beginning in the sixth week of the Michaelmas Term). These classes will be held in conjunction with Courses Nos. 951, 952 and 953 and will involve practical work on the School's I.B.M. 1440 computer.

956. Advanced Computing. Mr. Garside. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, X 6 and 7d (i); XI 5 (Third Year).

957. Theory of Algorithms. Dr. Cleave. Ten two-hour lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, X 6 and 7d (i); XI 5; *Mathematical Logic*, X 6 and 7f; XI 6 and 7f; XVI 4b (Third Year); M.Sc.—*Mathematical Logic*, XII 1 (1); *Elements of Mathematical Logic*, XII (Logic) 1.

Syllabus.—Algorithms. Turing Machines. Computability and recursiveness. Undecidability and unsolvability. The Gödelian circle of ideas.

Recommended reading.—H. Rogers, *Theory of Recursive Functions and Effective Computability*.

958. Systems Analysis. Professor Foster and Mr. Webb. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Data Processing including Elements of Accounting*, XI 6 and 7b (Third Year); M.Sc.—*Automatic Data Processing*, I 4(iv); XI 4(iii); Diploma in Operational Research.

Syllabus.—Management information systems theory; principles of design; optimisation. The approach to a systems study: methodology and documentation techniques.

Recommended reading.—R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*.

959. Introduction to Management Mathematics. Professor Foster and Mr. Must. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Elements of Management Mathematics*, V 2g (Third Year); *Management Mathematics*, II 3c; X 6 and 7d (ii); XI 5, 6 and 7b; *General Statistics and Computing*, X 8; XI 8 (Second Year); M.Sc.—*Management Mathematics*, I 4(i); Diploma in Personnel Management.

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, probability, decision theory, queues, stock control, dynamic programming, 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*.

960. Management Mathematics. Professor Foster and others. Fifteen 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.—*Stochastic Processes and Applications*, XI 2a; 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*.

961. 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).

962. Mathematical Programming. Dr. Land and Dr. Morton. Fifteen lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

Whole course for B.Sc. (Econ.) Part II—*Management Mathematics*, II 3c; X 6 and 7d (ii); XI 5, 6 and 7b (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; (Second Year); *General Statistics and Computing*, 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*.

963. Mathematical Programming Class. Dr. Land, Dr. Morton and others. Fifteen classes, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

The classes will be held in conjunction with Course No. 962.

964. Theory of Games. Dr. Morton. Five lectures, Lent Term (beginning in the sixth week).

For M.Sc.—*Mathematical Programming*, I 4 (ii); IV 2 (iv); XI 3; XVIII 7; Diploma in Operational Research. Optional for B.Sc. (Econ.) Part II—*General Statistics*, X 8; XI 8; *Econometrics*, II 8; 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

966. Advanced Probability. Professor Foster. Ten lectures, Michaelmas Term. (Two lectures each week beginning in the sixth week of the Michaelmas Term.)

For M.Sc.—*Statistical Theory II*, XI 2b; XVIII 1; *Stochastic Processes and Applications*, XI 2a; 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 limit theorems.

Recommended reading.—B. V. Gnedenko, *The Theory of Probability*; W. Feller, *An Introduction to Probability Theory and its Applications*; H. R. Pitt, *Integration, Measure and Probability*.

967. Stochastic Processes. Mr. Hajnal. Fifteen lectures, Lent and Summer Terms.

For M.Sc.—*Statistical Theory II*, XI 2b; XVIII 1; Diploma in Operational Research. Optional for M.Sc.—*Stochastic Processes and Applications*, XI 2a.

Syllabus.—Renewal Theory. Random walk. Markov chains and processes. Branching processes. Queues.

Recommended reading.—W. Feller, *An Introduction to Probability Theory and its Applications* (Vol. I, chaps. XII to XVII); N. T. J. Bailey, *The Elements of Stochastic Processes*, chaps. 1–8; D. R. Cox and W. L. Smith, *Queues*.

968. Probability and Stochastic Processes Class. Lecturer to be announced. Twenty classes, Sessional.

The classes will be held in conjunction with Courses Nos. 923, 966 and 967.

969. Introduction to the Theory of Sets and Metric Spaces and its Applications. Professor Sargan. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Advanced Economic Analysis*, IV (2) (i). Optional for M.Sc.—*Statistical Theory II*; XI 2b; XVIII (1); Diploma in Operational Research.

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 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 S. T. Hu, *Introduction to General 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*; H. W. Kuhn and A. W. Tucker, "Nonlinear Programming" (*Second Berkeley Symposium on Mathematical Statistics and Probability*).

970. Statistical Inference. Dr. Brillinger. Twenty-five lectures, Sessional.

For M.Sc.—*Statistical Theory III*, XVIII 2.

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*, Vols. II and III; H. Cramér, *Mathematical Methods of Statistics*; S. S. Wilks, *Mathematical Statistics*; E. L. Lehmann, *Testing Statistical Hypotheses*.

971. Techniques of Data Analysis. Dr. Brillinger. Five lectures, Summer Term.

For M.Sc.—*Statistical Theory I*, XI 1a; *Statistical Theory III*, XVIII 2; *Design and Analysis of Statistical Investigation*, XI 1b; XVIII 3; Diploma in Operational Research.

972. Statistical Methodology. Professor Stuart and Dr. Brillinger. Fifteen meetings, fortnightly throughout the session.

For M.Sc.—*Statistical Theory III*, XVIII 2; optional for *Design and Analysis of Statistical Investigation* XI 1b; XVIII 3. Diploma in Operational Research.

973. Multivariate Analysis. Dr. Wagle. Twenty lectures, Michaelmas and Lent Terms.

Whole course for M.Sc.—*Statistical Theory III*, XVIII 2. **First ten lectures** for M.Sc.—*Design and Analysis of Statistical Investigation*, XI 1b; XVIII 3; Diploma in Operational Research.

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*.

974. Distribution-Free Methods. Professor Stuart. Ten lectures, Lent Term.

For M.Sc.—*Design and Analysis of Statistical Investigation*, XI 1b; XVIII 3. Optional for M.Sc.—*Statistical Theory III*, XVIII 2; Diploma in Operational Research.

Syllabus.—The rationale and efficiency of distribution-free methods. Estimation and testing of quantiles. Tolerance intervals for a distribution. Confidence limits for a distribution function. Tests of bivariate independence and of randomness. Two-sample and k -sample tests.

Recommended reading.—M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* (Vol. II, chaps. 31, 32, also 25, 30).

975. Further Sample Survey Theory. Professor Stuart. Eight lectures, Summer Term (two lectures per week for four weeks).

NOTE.—This course presupposes attendance at Course No. 926.

For M.Sc.—*Design and Analysis of Statistical Investigation*, XI 1b; XVIII 3; Diploma in Operational Research. Optional for B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7c; XI 5, 6 and 7c (Second Year).

Syllabus.—Selection with unequal probabilities. Ratio and regression estimates.

Recommended reading.—W. G. Cochran, *Sampling Techniques* (2nd edn., 1963); M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* (Vol. III, chaps 39 and 40).

976. Design and Analysis of Experiments. Mr. T. M. F. Smith. Fifteen lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For M.Sc.—*Design and Analysis of Statistical Investigation*, XI 1b; XVIII 3; Diploma in Operational Research.

Syllabus.—Principles of experimental design. Randomised blocks. Latin squares. Incomplete blocks. Paired comparisons. Factorial designs. Confounding. Fractional replication. 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*; H. Scheffé, *The Analysis of Variance*; D. R. Cox, *The Planning of Experiments*.

977. (a) Basic Time Series Analysis. Professor Durbin. Two hours per week, Michaelmas Term.

For M.Sc.—*Econometric Theory*, IV 2 (ii); XI 4 (iv); XVIII 6; *Statistical Theory III*, XVIII 2; *Design and Analysis of Statistical Investigations*, II 3(vi); XI 1b; XVIII 3; Diploma in Operational Research.

Syllabus.—Study of trend, periodic and random components. Stationarity. Autocorrelation. Periodogram and spectrum. Elementary treatment of model-fitting in time series analysis. Effects of autocorrelation on regression analysis. Tests of serial independence.

Recommended reading.—M. G. Kendall, *The Advanced Theory of Statistics*, Vol. II; E. J. Hannan, *Time Series Analysis*; C. W. J. Granger, *Spectral Analysis of Economic Time Series*; E. Malinvaud, *Statistiques de l'Econometrie* (or English translation if available); A. M. Yaglom, *An Introduction to the Theory of Stationary Random Functions*.

977. (b) Further Time Series Analysis. Professor Durbin. Two hours per week, Lent Term.

For M.Sc.—*Econometric Theory*, XI 4 (iv); XVIII 6; Diploma in Operational Research. Optional for M.Sc.—*Econometric Theory*, IV 2 (ii).

Syllabus.—Trend estimation and elimination. Seasonal adjustment of economic time series. Forecasting by Box-Jenkins methods. Cross-spectral methods. Further treatment of model-fitting. Regression analysis with autocorrelated errors.

Recommended reading.—See Course No. 977 (a) above.

978. Practical Aspects of Survey Design. Lecturer to be announced.

For M.Sc.—*Survey Methods*, XVIII 8.

This course will be given if there are sufficient students.

979. Fortran Programming. Miss Brown and others.

A basic course will be given three times during the session:

(a) One hour per week for eight weeks, Michaelmas term (beginning

in the third week of term). In conjunction with this course Miss Brown will arrange some practical classes to be held in the evenings.

(b) Course lasting four half-days, Christmas vacation.

(c) Course lasting four half-days, Easter vacation.

For M.Sc.—Statistics, *Practical Work*. Recommended for those interested in learning the elements of Fortran programming.

980. Statistical Analysis, Practical Class. Miss Brown and Dr. Wallis 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. Fortran computer language will be used.

981. Statistics Study Group. Miss Gales will hold a series of weekly meetings in the Michaelmas and Lent Terms.

For all students taking M.Sc. Statistics.

982. Numerical Methods and Programming, Graduates. Mr. Mayne. Fifteen lectures, Lent Term. (Two lectures per week for the first five weeks of Term.)

For M.Sc.—*Automatic Data Processing*, I 4 (iv); XI 4 (iii); Diploma in Operational Research.

983. Computing, Graduate Class. Mr. Garside. Fifteen classes, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term.)

For M.Sc.—*Automatic Data Processing*, I 4 (iv); XI 4 (iii); Diploma in Operational Research.

984. File Processing. Mr. Flower. Ten lectures, Lent Term.

For M.Sc.—*Automatic Data Processing*, I 4 (iv); XI 4 (iii); Diploma in Operational Research. Optional for B.Sc. (Econ.) Part II—*Data Processing including Elements of Accounting*, XI 6 and 7b (Third Year).

Syllabus.—File organisation. Serial and random access files. Methods for file processing: searching and sorting. The elements of COBOL as a procedure-oriented language. Applications to business systems and procedures: payroll, inventory, financial accounting, costing, etc. Data transmission. Real-time systems.

985. Management Mathematics, Graduate Class. Professor Foster and others. Ten classes, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

The classes will be held in conjunction with Course No. 960.

For M.Sc.—*Stochastic Processes and Applications*, XI 2a; Diploma in Operational Research.

986. Mathematical Programming, Graduate Course. Dr. Land and Dr. Morton. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Mathematical Programming*, I 4 (ii); IV 2 (iv); XI 3; XVIII 7; 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*.

987. Mathematical Programming, Graduate Class. Dr. Land, Dr. Morton and others. Twenty classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 986.

988. Economics for Operational Research. Dr. Morton. Ten lectures, Lent Term.

For Diploma in Operational Research.

Syllabus.—An introduction to the principles of economic theory for students who have some familiarity with mathematics and operational research.

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

989. Selected Topics in Operational Research. Dr. Land, Dr. Morton and others. Lent Term.

For M.Sc.—*Operational Research Methods*, XI 4(i); 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.

990. Tutorial Class in Operational Research. Dr. Land and Dr. Morton. Sessional.

For M.Sc. and Diploma in Operational Research.

991. Statistical Techniques in Survey Analysis. Miss Gales. Fifteen lectures, Lent and Summer Terms.

For M.Sc.—*Methods of Sociological Study*, II 3(i); XVII 2. (Students should attend this course or No. 862(A) or No. 992.) Also for graduate students in Psychology. It will be assumed that students have a knowledge of statistics to the standard of Course No. 915.

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, *Analyzing Quali-*

tative 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*.

992. Mathematical Methods in Sociology. Dr. Morton. Five lectures, Summer Term.

Optional for M.Sc.—*Methods of Sociology Study*, II 3(i); XVII 2. (Students should attend this course or No. 862(A) or No. 991.)

993. Distribution Theory of Quadratic Forms. Mr. Mayne. Five lectures, Michaelmas Term (beginning in the sixth week).

For M.Sc.—*Statistical Theory III*, XVIII 2.

994. Order Statistics. Mr. Mayne. Five lectures, Summer Term.

For M.Sc.—*Statistical Theory III*, XVIII 2.

995. Graph Theory. Professor Harary. Lent Term.

996. Statistics Seminar. Professors Sir Roy Allen, Durbin, Moser and Stuart will hold a fortnightly seminar throughout the session. Admission will be by permission of the professors concerned.

997. Joint Statistics Seminar. A fortnightly seminar on statistical theory and its applications will be held in conjunction with Birkbeck College, Imperial College and University College throughout the session. Further information about the seminar may be obtained from Professor Durbin or Professor Stuart.

998. Operational Research Seminar. Dr. Morton.

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iii. 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. Sear (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).

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GENERAL INDEX

	PAGE		PAGE
Academic Awards	84-107	Applied Statistics, Courses in	527-32
Academic Board (Committees) ..	42-3	Arthur Andersen prize in Accounting	191
Academic Staff	28-39	Associate Students	150
Accommodation, Residential (Lodgings Bureau)	293-7	Association of Certified and Corporate Accounts, Scholarship	163
Accounting and Finance:		Athletic Awards	108-9
B.Sc.(Econ.) Spec. Sub. V		Athletic Facilities	290-2
196-8, 201-2		Athletic Union	290-2
Courses in	343-5	<i>Auguste Comte Memorial Lectures</i> ..	555
M.Phil.(Econ.) in ..	248-50, 264-6	Awards for Study in the U.K. and Abroad	188
M.Sc. in	254-7		
Prize	191	B.A. Honours Degree	211-2, 214, 216-8, 221
Scholarships	159-60, 163, 168	B.Sc. Degree	211, 212-3, 214-6
Accounts, Annual, 1964-65	63-82	B.Sc.(Econ.) Degree	196-208, 301
Acworth Scholarship	177	B.Sc.(Sociology) Degree	211-2, 219-21, 301
Address of School	8	B.Sc. (Special) Degree	212, 214
Administrative Staff	44-5	Bailey, S. H., Scholarship	166
Admission of Students	145-50	Banking, <i>see</i> Monetary Economics.	
Allyn Young Prize	189	Bassett Memorial Prizes	191
Anthropology:		<i>Beaver</i>	290
Academic Postgraduate Diploma in Social Anthropology ..	268-9	<i>Bibliographies, Series of</i>	554
B.A. Honours in	211-2	Board of Discipline	153
B.Sc.	211-3	Books sponsored by the School (Old Series)	548-9
B.Sc.(Econ.) Spec. Sub. XIII		Bowley Prize	194
196-8, 206		<i>British Journal of Industrial Relations</i> ..	546
B.Sc. (Special)	212	<i>British Journal of Sociology The</i> ..	545-6
Courses in	475-81	British Library of Political and Economic Science	46, 278-83
<i>Monographs</i>	549-51	Bryce Memorial Scholarship	167
M.Phil.(Arts) in Social Anthropology	248-50, 266	Bursaries:	
M.Phil.(Econ.) in Social Anthropology	248-50, 264-6	Graduate Students	178-9
M.Sc. in Social Anthropology		Special	166-7
254-8, 263		Business Administration:	
Prize	189	M.Phil.(Econ.) in	248-50, 264-6
University Studentship in ..	184	Business Studies:	
Applied Social Studies:		Courses in	349
Courses in	500-3	Diploma in	224-6
Diploma in	240-3	Manor Trust donations	178
Prize	193		
Supervisors of the Courses ..	503-4		

	PAGE		PAGE
Calendar 1966-67	11-20	Diplomas in:— <i>continued</i>	
Canterbury Hall	295	Operational Research ..	229-32
Careers	286-8	Personnel Management ..	238-40
Carr-Saunders Hall	51	Social Administration ..	232-7
Central Research Fund	188	Social Workers in Mental Health	243-5
Chartered Institute of Secretaries		Diploma (University)	268-9
Scholarship	164	Director's Essay Prizes ..	194
Christie Exhibition	160-1	Director's Report	52-62
Clare Market Review	290		
Clothworkers' Company's Exhibitions	167-8	Econometrics:	
College Hall	295	Economics and Econometrics,	
Commercial Law, <i>see under</i> Laws.		B.Sc.(Econ.) Spec. Sub. II	196-200
Committees of the Academic Board ..	42-3	Courses in	316-7, 335-7
Commonwealth Hall	294	M.Phil.(Econ.) in	248-50, 266-8
Computing:		M.Sc. in	254-7, 259
B.Sc.(Econ.) Spec. Sub. XI	196-8, 204-5	Scholarships	159-60
Courses in	532-5	Economic History:	
Prize	190	B.Sc.(Econ.) Spec. Subs.:	
Scholarship in	159-60	Mediaeval, VII	196-8, 202-3
Connaught Hall	294	Modern, VI	196-8, 202
Constitutional Law, English, <i>see under</i>		Courses in	369-73
Laws.		M.Phil.(Econ.) in	248-50, 266-8
Conveners of Departments	42	M.Sc. in	254-7, 259
County Awards	162	Scholarship	165, 167
Court of Governors	21-3	Studentships	176, 181
Committees of	23-5	<i>Economica</i>	545
Criminal Law, <i>see under</i> Laws.		Economics:	
Criminology, Courses in, <i>see under</i>		B.Sc.(Econ.) Spec. Sub. I:	
Laws and Sociology.		Analytical and Descriptive ..	196-9
		Courses in	311-39
Dates of Terms	10	Fellowship	182
Degrees, First	195-223	M.Phil.(Econ.) in	248-50, 266-8
Degrees, Higher	247-67	M.Sc. in	254-7, 258-9
Demography:		Prizes	189-90, 193
Courses in	482-5	Scholarships	159-60, 168
M.Phil.(Econ.) in	248-50, 264-6	Studentships	169-73, 184
M.Sc. in	254-8	<i>Economics and Commerce, Studies in</i> ..	549
Derby Studentship	186	<i>Economics and Political Science, Studies in</i>	548-9
Development Administration:		Economists' Bookshop, The	284
Courses in	305-7	Eileen Power Studentship	181
Diploma in	226-9	English, Courses in	399-400
Diplomas in:		English Law, <i>see under</i> Laws.	
Applied Social Studies	240-3	Enquiries, Office Hours for	8
Business Studies	224-6	Entrance Scholarships	158-63
Development Administration	226-9		

	PAGE		PAGE
Ethnology, <i>see</i> Anthropology.		Governors of the School	21-3
Evening Students:		Graduate:	
General Information for ..	145-6, 196	Bursaries	178-9
Scholarships	162-4	Fellowships	182-3
Examination Fees (Higher Degrees		Residential Accommodation ..	296-7
only)	157	Scholarships	166
Examinations:		Studentships	169-88
Closing dates for entries } ..	270-1	Graduate School	246-67
Dates of Examinations } ..	270-1	Graduate Students' Association ..	292
Exhibitions, <i>see</i> Scholarships, Student-		Graduate Studentships in Economics	169-70
ships, Exhibitions and Bursaries		Graham Wallas Memorial Scholarship	168-9
Fees	154-7	<i>Greater London Group</i>	552
First Degrees	195-221	Greek Shipowners' Studentships for	
Flats for Married Graduate Students ..	297	Graduate Students	174
Foreign Service Course	274-5	Halls of Residence	
Free Press Prize	192	for Men	293-5, 296
French, Courses in, <i>see</i> Language		for Women	295, 296-7
Studies.		Harold Laski Scholarship	165
Friends of the London School of Eco-		Harriet Bartlett Prize	193
nomics	299	Higher Degrees, Regulations ..	247-67
General Course Students	148-9	Higher Education, Unit for Economic	
Geography:		and Statistical Studies on ..	112-3
B.A. Honours in	214	History:	
B.Sc. in	211-2, 214-6	B.A. Honours in	211-2, 216-7
B.Sc.(Econ.) Spec. Sub. XV	196-8, 207	Courses in	382-4
B.Sc. (Special)	214	M.Phil.(Arts) in	248-50, 266
Courses in	353-65	Prizes	193
M.Phil.(Arts) in	248-50, 266	Research Fellowships	186-7
M.Phil.(Econ.) in	248-50, 264-6	Scholarships	167
M.Sc. in	254-7, 259-60	Studentships	182-3, 184-5
Prizes	190-1	History of the School	47-51
Studentships	184	Hobhouse Memorial Prize	192
German, Courses in, <i>see</i> Language		<i>Hobhouse Memorial Trust Lectures</i> ..	555-6
Studies.		Honorary Fellows	26-7
Gerstenberg Studentship	186	Regulations as to	276-7
Gladstone Memorial Prize	193	Honorary Governor	23
Gonner Prize	190	Honorary Lecturers	38
Gourgey Essay Prize	194	Hughes Parry Prize	189
Government:		Hutchins Studentship for Women ..	176
B.Sc.(Econ.) Spec. Sub. VIII	196-8, 203	<i>Inaugural Lectures</i>	557
Courses in	459-72	<i>Industrial Relations, British Journal of</i> ..	546
Prizes	189, 191		
Scholarships	165, 168-9		

	PAGE		PAGE
Industrial Relations		Laws:	
Courses in	387-90	Courses in	403-36
M.Phil.(Econ.) ..	248-50, 264-6	M.Phil. in	248-50, 264-6
M.Sc.	254-7, 260	Prizes	189
Industry and Trade		Scholarships in ..	164, 167, 186
B.Sc.(Econ.) Spec. Sub. IV ..	196-8	Studentship in	184
	200-1	LL.B. Degree	208-11
Scholarship in	168	LL.M. Degree	247, 266-7
International Economics, Courses in	322-3, 326-8	Lecture Courses	403-436
International Hall	294	Lectures, Part-Time	39
International History:		Leon Fellowship	182
B.Sc.(Econ.) Spec. Sub. XIV	196-8, 206-7	Leverhulme Adult Scholarship ..	158-9
		Leverhulme Graduate Entrance Student-	
Courses in	374-81	ship for Overseas Students ..	171-2
M.Phil.(Econ.) in ..	248-50, 264-6	Leverhulme Research Studentships ..	171
M.Sc. in	254-7, 260	Leverhulme Research Studentship for	
International Law:		Overseas Students	172-3
Courses in <i>see under</i> Laws.		Library:	
M.Phil.(Econ.) in ..	248-50, 264-6	School Library	278-83
M.Sc. in	254-7, 260	University Library	283
Scholarship in	166	Library Staff	46
International Relations:		Lilian Knowles Scholarship	165
B.Sc.(Econ.) Spec. Sub. XII	196-8, 205-6	Lillian Penson Hall	296-7
		Local Authority Awards	162
Courses in	447-58	Loch Exhibitions	161
M.Phil.(Econ.) in ..	248-50, 264-6	Logic, <i>see</i> Philosophy, Logic and Scien-	
M.Sc. in	254-7, 260	tific Method.	
Studentships in	166, 174-6	<i>London Bibliography of the Social Sciences</i>	554
International Students House	294-5	London Education Authority, Inner:	
International Studies	391	Evening Exhibitions	162
S. H. Bailey, Scholarship in ..	166	London House	296
Italian, Courses in, <i>see</i> Language		London School of Economics Society	298-9
Studies.		London University, <i>refer to</i> University.	
		<i>Mackinder Centenary Lecture</i>	557
Jackson Lewis Scholarship	173	Mactaggart Scholarship, The C.S. ..	164-5
Janet Beveridge Award	192	Madge Waley Joseph Scholarship ..	187-8
Joint Postgraduate Studies in Techno-		Management Studies Research Divi-	
logy, Economics and Administra-		sion, The	111
tion	272-3	Manor Trust	178
Language Studies:		Mathematics, Courses in ..	521-3, 535-41
B.A. Honours in	217-8	Mathematicians, Entrance Scholarships	
Courses in	395-400	for	159-60
		Mature Students, State Scholarships	
		for	162
		Medals and Prizes	189-94

	PAGE		PAGE
Mental Health:		Ph.D. Degree	248-54
Courses for Social Workers in ..	496-9	Philosophy:	
Diploma for Social Workers in ..	243-5	B.Sc.(Econ.) Spec. Sub. XVI	196-8, 207-8
Field Work Supervisors	499	M.Phil.(Arts) in	248-50, 264-6
Prize	193	M.Phil.(Econ.) in	248-50, 264-6
Scholarships	162	M.Sc.	254-7, 261
Metcalfe Scholarship	168	Philosophy, <i>see</i> Philosophy, Logic and	
Metcalfe Studentship	181-2	Scientific Method <i>and</i> Sociology.	
Monetary Economics:		Philosophy, Logic and Scientific	
B.Sc.(Econ.) Spec. Sub. III	196-8, 200	Method, Courses in	439-44
Courses in	320-2, 329-30	Philosophy and Economics, B.A.:	
Prize	191	Honours in	211-2, 218
Scholarships	168	Prize	189
<i>Monographs on Social Anthropology</i>	549-51	Planning, Course in Urban and	
Montague Burton Studentships in		Regional	469
International Relations	174-5	Planning Studies, M.Sc. in ..	254-7, 261-2
Mostyn Lloyd Memorial Prize	192	Political Studies, Courses in ..	447-72
Noel Buxton Studentships in Inter-		Politics and Public Administration,	
national Relations	175-6	Courses in	459-72
Nutford House	295	M.Phil.(Econ.) in Politics	248-50, 264-6
		M.Sc. in Politics	254-7, 262
Obituary	83	Premchand Prize	191
<i>Occasional Papers on Social Administra-</i>		Prizes	189-94
<i>tion</i>	552-3	Professional Training, Advantages and	
Occasional Students	145, 149-50	Concessions to Holders of First	
Office hours	8	Degrees	221-3
Old Students' Association, <i>refer to</i> Lon-		Psychology:	
don School of Economics Society.		Courses in	486-9
Operational Research:		M.Phil.(Arts) in Social Psycho-	
Courses in	532-5, 540-1	logy	248-50, 264-6
Diploma in	229-32	Scholarship	168-9
M.Phil.(Econ.) in	248-50, 264-6	Studentship	184
M.Sc. in	254-7, 261	Publications, Official	8-9
Ormsby (George and Hilda) Prizes ..	190-1	Publications of the School ..	545-57
Overseas Students, Additional infor-		(New Series) of	546-8
mation for	147-8	Publications of Staff	115-37
		Official Reports signed by Mem-	
<i>Papers on Soviet and East European Law,</i>		bers of the Staff	137-8
<i>Economics and Politics</i>	551-2	Railways, <i>see</i> Transport.	
Part-time Academic Staff	39	Raynes Undergraduate Prize	190
Passfield Hall:		Rees Jeffreys Studentship	176-7
Residential Accommodation ..	293	Regional and Urban Planning Studies	
Staff	45	<i>see under</i> Planning Studies.	
Personnel Management:			
Courses in	495		
Diploma in	238-40		

	PAGE	PAGE
Regular Students	145	
Re-registration of	195-6	
Regulations for:		
Academic Postgraduate Diploma	268-9	
Diplomas, School	224-45	
First Degrees	195-221	
Higher Degrees	247-67	
Regulations for Students	150-2	
<i>Reprints of Scarce Works on Political Economy</i>	554-5	
Research	110-3	
Research Fund, Central	188	
Research Staff	40-1	
Residential Accommodation	293-7	
Rosebery Prizes	193	
Rosebery Studentship	177-8	
Russian, Courses in, <i>see</i> Language Studies.		
Scholarships, Studentships, Exhibitions and Bursaries	158-88	
School:		
Address of	8	
Buildings of (Map)	7	
History of	47-51	
Location of (Map)	6	
School Prizes	189-94	
School Undergraduate Scholarships	163-9	
Science Research Council:		
Advanced Course Studentships	180	
Research Studentships	180	
Scientific Method, <i>see</i> Philosophy.		
<i>Social Administration, Occasional Papers on</i>	552-3	
Social Anthropology, <i>see</i> Anthropology.		
Social Psychology:		
M.Phil.(Econ.) in	248-50, 264-6	
Social Science and Administration:		
Courses in	490-5	
Diplomas in Social Administration:		
Graduate	232-5	
Non-graduate	232, 235-7	
Exhibitions	160-1	
M.Phil.(Econ.) in Social Administration	248-50, 264-6	
Social Science and Administration:— <i>continued</i>		
M.Sc. in Social Administration and Social Work Studies	254-7, 262	
Prizes	192-3	
Scholarships	173, 187	
Studentships	170-3, 176	
Social Science Research Council		
Advanced Course and Research Studentships	179-80	
Sociological Research Unit	110	
Sociology:		
B.A. Honours in	211-2, 221	
B.Sc. in	211-2, 219-21	
B.Sc.(Econ.) Spec. Sub. IX	196-8, 203	
Courses in	505-18	
M.Phil.(Arts) in	248-50, 264-6	
M.Phil.(Econ.) in	248-50, 264-6	
M.Sc. in	254-7, 263	
Prizes	189, 192	
Scholarship	168	
Studentship	184	
<i>Sociology, The British Journal of</i>	545-6	
<i>Soviet and East European Law, Economics and Politics, Papers on</i>	551-2	
Spanish, Courses in, <i>see</i> Language Studies.		
Special Courses	272-5	
Sports Clubs	290-1	
Staff:		
Academic	28-39	
Administrative	44-5	
Library	46	
Research Staff	40-1	
State Scholarships for Mature Students	162	
State Studentships	179	
Statistical Theory and Method Courses in	523-7	
Statistics:		
B.Sc.(Econ.) Spec. Sub. X	196-8, 203-4	
Courses in	521-41	
Graduate Courses, Seminars and Classes	535-41	
M.Phil.(Econ.) in	248-50, 264-6	

	PAGE	PAGE
Statistics— <i>continued</i>		
M.Sc. in	254-7, 263-4	
Prizes	189, 190, 194	
Scholarship	159-60	
Statistics of Students	139-42	
<i>Statistics and Scientific Method, Studies in</i>	549	
Stern Scholarships	168	
Student Activities, Rules relating to	153	
Students, Admission of	145-50	
Students, 1961-66, Statistics of	139-42	
Students' Health:		
School Doctors	45	
Staff, Health Service	45	
Student Health Service	285	
Students' Union	289-90	
Studentships, <i>see under</i> Scholarships, Studentships, Exhibitions and Bursaries.		
Survey Research Centre, The	111-2	
Terms, Dates of	10	
Trade Union Studies:		
Course in	273-4	
Courses in	387-90	
Prizes	191, 194	
Scholarships	163	
Transport Economics:		
Courses in	323, 330	
Prizes	193	
Scholarships	177	
Studentship	176-8	
<i>see also</i> Geography.		
Travelling Studentships	185-6	
Undergraduate Scholarships	163-9	
Unit for Economic and Statistical Studies on Higher Education, The	112-3	
University Central Council on Admissions	145-6	
University Entrance Requirements	146-7	
University Library	283	
University Postgraduate Studentships	183-4	
University Postgraduate Travelling Studentships	185-6	
University Registration of Students	150	
University Studentships	184	
William Farr Prize	190	
William Goodenough House	296	
William Lincoln Shelley Studentship	184-5	

INDEX OF NAMES

	PAGE		PAGE
Abel-Smith, B...	25, 35, 42, 43, 111	Blair Cunynghame, J. O.	21
Adelstein, D. L.	290	Blake, E. C.	46
Ager, M.	113	Blaug, M.	113
Aikin, Olga L.	33	Blount, Margaret N.	46
Aitchison, Jean M.	33	Board, C.	24, 31, 45
Albemarle, Countess of	21	Boas, Ilse T.	44, 298
Albert, L. A.	33	Bohm, Anne M.	44
Alcock, J.	44	Bolsover, G. H.	21
Alexander, Charlotte	45, 285	Bolton, Sir George	21
Alford, R. F. G.	24, 29	Bonwit, Lisa A. A.	46
Allen, C. G.	46	Bosworth, Marilyn	46
Allen, Sir Roy	37, 545	Boulind, R. H.	46
Allen, W. M.	21, 23, 26	Bourne, K.	32
Alstin, Joan M.	45	Boyes, M. G.	291
Anderson, Dame Kitty	21	Braybrook, C. J. T.	44
Anderson, M. S.	25, 32	Breton, A.	29
Andrews, P. A.	291	Bridbury, A. R.	29, 43
Anstey, Vera	26, 298	Bridge, F. R.	32, 45
Attlee, Lord	26	Bridges, Lord	21
Awty, B. G.	46	Brillinger, D. R.	37
		Brockbank, Elizabeth E.	290
Baines, D. E.	28	Bromwich, M.	28
Banks, M. H.	24, 33	Brown, C. J.	290
Banks, R. F.	32	Brown, D. J.	291
Baring, E. B.	23	Brown, E.	45
Barnes, A. J. L.	31	Brown, E. H. Phelps	29, 111, 545, 546
Barron, Betty	45	Brown, Lucy M.	29
Bass, Margaret A.	45	Brown, Susannah A.	40
Bate, Jennifer L.	46	Browne, Margaret H.	40
Bauer, P. T.	29, 545	Bull, H. N.	33
Baxter, W. T.	28, 545	Burge, Marjorie M.	46
Beagan, W. A.	290	Burgess, T.	40, 113
Beattie, A. J.	31	Burney, A. G. B.	21
Beaver, Sir Hugh	21, 26	Burns, Eveline M.	26
Beck, J. H.	290	Burrage, M.	36
Bell, Coral M.	33	Burrows, Sir John	21
Bell, Leslie H.	35	Burler, Lord	21
Belson, W. A.	40, 111	Butrym, Zofia T.	35
Beltrán, P.	26	Butterfield, H.	21
Bender, R. A.	292	Butterworth, Jennifer M.	291
Benedict, B.	28	Byatt, I. C. R.	29, 42
Benemy, F. W. G.	298		
Bennett, Anthea	31	Caine, Sir Sydney	44, 299, 546
Bentwich, N.	21	Cairncross, A. K.	21
Betts, Elsie A.	45	Campbell, Lord	21
Beven, Helen	45	Carey, W. H. B.	21, 298, 299
Bingham, Gwendoline M.	44	Carrier, N. H.	37
Blackburn, F. W.	46	Carr-Saunders, Sir Alexander	21, 26, 299
Blacker, J. G. C.	40	Carsberg, B. V.	28
Blacklock Nora C. F.	46	Carter, Alice M. C.	29, 298
Blackstone, Tessa A. V.	35	Cassen, R. H.	29

	PAGE		PAGE
Chambers, Sir Paul ..	21, 26, 299	Drogheda, Earl of ..	22
Chapman, R. ..	33	Dudley-Evans, R. F. ..	292
Charvet, J. C. R. ..	31	Dugdale, Lilian M. ..	22
Chilver, Elizabeth M. ..	21	Dunwoody, Elizabeth M. S. ..	45
Chorley, Lord ..	39	Durbin, J. ..	37, 42, 111
Clark, D. A. ..	46	Dworkin, G. ..	34
Clayton, K. M. ..	31		
Cleather, Dora W. ..	45	Earle, A. F. ..	22
Clifford-Vaughan, Michalina E. F. ..	36	Earle, P. ..	29
Coales, Molly St. C. ..	45	Edey, H. C. ..	24, 28, 42, 111, 545
Cockburn, Christine ..	35	Edwards, Sir Ronald ..	38
Cohen, P. S. ..	36	Ekserdjian, N. M. ..	298
Coleman, D. C. ..	24, 29	Elkan, Irmis J. N. ..	39
Coleman, Olive P. ..	29	El-Kaisouni, A. M. ..	26
Coleman, T. B. ..	46	Ellenby, J. ..	31
Collings, W. S. ..	44	Erickson, Charlotte J. ..	29
Cooch, M. J. A. ..	40, 111	Estall, R. C. ..	31
Coombs, H. C. ..	26	Evans, D. M. E. ..	34
Cooper-Hannan, I. Elsie ..	45	Evans, Eve V. ..	22, 26, 299
Copelin, F. J. ..	46	Evershed, Lord ..	22
Cornish, W. R. ..	34	Evron, Y. ..	40
Corry, B. A. ..	29, 545		
Cowell, Marjorie B. ..	45	Falkus, M. E. ..	29
Cranston, M. W. ..	31, 43	Farrer-Brown, L. ..	22, 23, 299
Crick, W. F. ..	26, 40, 298	Feather, V. ..	22
Croome, D. R. ..	29	Featherstone, Dorothy K. ..	45
Crossley, J. R. ..	29, 113	Ferguson, N. A. McL. ..	44
Crowther, Sir Geoffrey ..	22, 26	Finer, M. ..	22
		Finney, J. R. ..	291
Davies, A. J. ..	292	Firth, R. W. ..	28, 111
Davies, B. P. ..	35	Fisher, F. J. ..	24, 29, 545
Davis, P. D. C. ..	44	Flanders, A. ..	546
Davis, Winifred M. ..	45	Fletcher, Sir Eric ..	22
Dawson, G. F. D. ..	31	Flower, J. ..	28
Dawson, Martha E. ..	46	Foldes, L. P. ..	29
Dawson, P. F. ..	31	Forge, J. A. W. ..	28
Day, A. C. L. ..	29, 42, 545	Foster, F. G. ..	24, 37
Dean, M. ..	34	Fox, J. R. ..	28, 43
Deans, J. A. G. ..	44	Frazier, Sir Robert ..	26
Deeks, J. S. ..	40	Freedman, M. ..	22, 24, 28, 545
Denison, N. ..	33, 42	Frisby, W. C. ..	46
Dennys, C. G. ..	22	Frost, M. ..	291
Desai, M. J. ..	29		
Devletoglou, N. E. ..	29	Gales, Kathleen E. ..	37
Devons, E. ..	29, 111, 545, 551	Garrett, Eileen A. ..	45
Didcott, P. J. ..	40, 111	Garside, M. J. ..	37
Dilks, D. N. ..	32	Geber, Beryl A. ..	35
Diserens, R. E. ..	45	Gellner, E. A. ..	36, 42, 545
Donelan, M. D. ..	33	George, K. E. M. ..	33
Donnison, D. V. ..	35, 42	Gilbert, P. J. ..	44
Donoughue, B. ..	31	Gillie, A. ..	290
Dore, R. P. ..	36	Gillingham, J. B. ..	29
Douglas, J. W. B. ..	38	Ginsberg, M. ..	26
Downes, D. M. ..	35	Glass, D. V. ..	25, 36, 111, 545
Downey, B. W. M. ..	34	Glennester, H. ..	40, 113
Downey, J. A. ..	46	Godfrey, S. A. ..	44
Drabble, Barbara B. ..	44	Goldstone, P. M. ..	292
Drake, A. E. C. ..	22		

	PAGE		PAGE
Gonensay, E. ..	29	Ionescu, G. ..	40
Gooch, A. L. ..	33	Irvine, A. A. M. ..	34
Goodhart, C. A. E. ..	30		
Goodwin, G. L. ..	33, 42	Jackson, C. I. ..	31, 42
Gottlieb, Eleanora ..	33	Jacobs, F. G. ..	34
Gould, J. R. ..	30	James, A. M. ..	33
Goundry, Mary B. ..	45, 111	James, F. C. ..	26
Greaves, H. R. G. ..	24, 32, 42	Jenner, P. ..	35
Green, Mary G. ..	22, 23	Jephcott, Sir Harry ..	22
Greenhalgh, P. ..	290	John, A. H. ..	29, 42, 43
Gregory, R. G. ..	30	Johnson, B. S. ..	33
Gregory, Sir Theodore ..	26	Johnson, D. H. N. ..	34, 42, 551
Griffith, J. A. G. ..	34	Johnson, H. G. ..	30
Griffiths, B. ..	30	Jones, A. ..	22, 26
Griffiths, Ruth H. ..	45	Jones, A. D. ..	35
Grün, G. A. ..	32	Jones, Deborah J. ..	113
Grunfeld, C. ..	34, 43	Jones, E. ..	31, 42, 43
Guercio, F. ..	39	Jones, Gina ..	291
		Jones, G. W. ..	32
Hadley, R. D. ..	35	Joy, J. L. ..	30, 43
Hajnal, J. ..	37		
Hall, M. ..	40, 113	de Kadt, E. J. ..	36
Hall, P. G. ..	31	Kahn-Freund, O. ..	546
Halsbury, Earl of ..	22	Kalton, G. G. W. ..	37
Hamilton, F. E. I. ..	31	Kay, Tricia C. ..	292
Hardiman, Margaret G. W. ..	35	Kedourie, E. ..	32
Harmer, F. E. ..	21, 24	Kelleher, Bridget ..	46
Harper, D. G. ..	35	Kendall, M. G. ..	38
Harrises, T. W. ..	40, 111	Kerrigan, Jean ..	39
Harris, J. W. ..	34	Kershaw, D. ..	290
Harris, L. ..	30	Khosla, J. N. ..	26
Harrison, W. ..	44	Kidd, H. ..	44, 299
Harrison-Church, R. J. ..	31	King, W. T. C. ..	26
Hatton, Ragnhild M. ..	32, 42	Kingsley, D. J. ..	22, 298
Haycocks, H. W. ..	39	Kirton, R. J. ..	22
Hayley, Audrey ..	36	Klappholz, K. ..	30
Header, H. ..	32	Knight, Rose ..	40, 113
Heidensohn, Frances M. ..	36	Kuska, E. A. ..	30
Henderson, Jane T. ..	46, 298	Kydd, Jessie A. ..	35
Henry, S. G. B. ..	30		
Herring, J. V. ..	298	Lahiri, A. K. ..	46
Hewlett, Carol R. ..	113	Lakatos, I. ..	34
Heyworth, Lord ..	22	Lambert, Audrey M. ..	31
Hicks, Sir John ..	22	Land, Ailsa H. ..	24, 37
Himmelweit, Hilde T. ..	35, 42, 111	Lange, H. M. ..	26
Hitchman, Sir Alan ..	22, 23, 24	Lapenna, I. ..	34, 551
Hodge, P. ..	35	Laski, J. G. ..	40
Hodson, H. V. ..	22	Layard, P. R. G. ..	40, 113
Holbraad, Christina ..	40	Lazar, L. ..	34
Hollowood, B. ..	22	Lear, Frances G. ..	36
Holmes, R. ..	35	Lee, Sir Frank ..	22
Hopkins, M. K. ..	36	Lee, Hilda I. ..	32
Horn, Marion ..	44	Leigh, L. H. ..	34
Horsefield, J. K. ..	22	Letwin, W. ..	32
Hotopf, W. H. N. ..	35	Levitt, H. N. ..	45, 285
Hughes, W. ..	46	Levy, J. ..	113
Hunter, B. R. ..	46	Lewis, Sir Arthur ..	26
		Lewis, R. W. ..	37

	PAGE		PAGE
Linstead, Sir Patrick	22	Myers, E. S.	35
Little, A. N.	36, 43	Myint, H.	30
Logan, Sir Douglas	26		
Loh, J.	291	Nash, R. A.	291
Lowe, C. J.	33, 45	Needham, D.	30
Luns, J. M. A. H.	26	Needleman, L.	43
Lupton, T.	546	Neerunjun, Sir Rampersad	26
Lynd, S.	290	Nehru, B. K.	26
Lyon, P. H.	33	Nelson, D. M.	41
		Nevitt, Adela A.	35
McAuslan, J. P. W. B.	34	Newfield, J. G. H.	36, 42
McDougall, Kate F.	35	Niemeyer, Sir Otto	26
McKenzie, R. T.	36, 43, 111	Nish, I. H.	33
MacRae, D. G. 22, 24, 36, 42, 545, 546, 551		Northedge, F. S.	33, 42
MacWilliam, Ruth	44	Nowicki, Maria	46
Maddex, Sir George	22		
Madian, A. L.	32	Oakeshott, M. J.	32, 551
Maiguascha, J.	40	O'Connell, Hannah M.	30
Mair, Lucy P.	28, 42	Odell, P. R.	31, 43
Makower, Helen	30	Offord, A. C.	37
Malik, S. K.	290	Oldershaw, Diana M. T.	30, 298
Mannheim, H.	26	Olshan, I.	27
Maple, H. L.	46	Oppenheim, A. N.	35
Marshall, T. H.	22	Ormsby, Hilda	27
Martin, D. A.	36	Orr, R. R.	32, 43
Martin, I. W. G.	46	Ortiz, Sutti R. de	28
Martin, J. E.	31	Osborne, D. W.	41, 111
Mason, Judith	45, 111	Ovens, D.	41, 113
Mate, Felicity A. G.	44	Owen, D.	291
Matthews, P.	113	Ozga, S. A.	30
Maudling, R.	22		
Maunder, W. F.	37	Panter-Brick, S. K.	32
Mayall, J. B. L.	33	Park, A. E. W.	34
Mazumdar, D.	30	Parker, J.	22
Meade, J. E.	22	Parker, R. A.	36
Medlicott, W. N.	33, 42	Parkin, B. T.	44
Mehta, G. L.	26	Parry, Sir David Hughes	22, 27
Menon, V. K. Krishna	26	Parsloe, Phyllida	36
Merrett, S. R.	40, 113	Parsons, K. O.	46
Miliband, R.	32	Partridge, Pleasance	45
Milsom, S. F. C.	34	Patterson, H. O. L.	37
Minogue, K. R.	24, 32	Pedlar, F. J.	22
Mishan, E. J.	30	Perlman, M.	30
Mitchell, G. T.	44	Perry, M. R.	291
Molson, Lord	22	Perry, P. J. C.	298
Morison, R. M.	22	Peston, M.	113
Morrall, J. B.	24, 32	Petith, H.	30
Morris, H. S.	28	Phelps, D. B.	291
Morris, T. P.	24, 36, 545	Phillips, A. W.	30, 545
Morton, G.	37, 42	Pickering, M. A.	34
Moser, C. A.	25, 37, 111, 113, 546	Pickles, W.	32, 546
Mowbray, R. A.	291	Pinney, Jennifer A.	44, 113
Munro, Joan A.	41	Pinschof, Maria F.	41
Murchland, J. D.	41	Pitman, Sir James	22
Murtagh, Eileen	46	Plant, Marjorie	46
Musgrave, A. E.	34	Plowden, Lord	22
Myatt-Price, Evelyn M.	44	Plowden, W. J. L.	32

	PAGE		PAGE
Plowman, D. E. G.	36, 43	Selier, J. B.	298
Popper, Sir Karl	35	Shaffer, J.	30
Potter, J.	29	Sharp, Baroness	23
Powell, Sir Richard	22	Sharp, Margaret L.	39
Powrie, Barbara E.	45	Shone, Sir Robert	27
Pressnell, L. S.	30	Shrimpton, Phyllis M.	44
Primorac, E.	30	Simon, Lady	27
		Simpson, H. Marjorie	298
Ramsey, A. D. Archbishop	23	Sinclair, D. J.	24, 31
Rasheed, Guzine	298	Singh, T.	27
Rasminski, L.	27	Slack, Kathleen M.	36
Rawson, R. R.	31	Smieton, Dame Mary	23
Razzell, E. J.	290	Smith, C. S.	41, 113
Read, J. C.	45, 285	Smith, D. Patricia	45
Reddaway, P. B.	32	Smith, J. H.	546
Redfern, P.	113	Smith, J. W.	298
Regan, D. E.	32	Smith, M. J. Babington	23
Reid, Sir George	23	Smith, Patricia	291
Reid, Judith M.	41	Smith, Ruth M.	45
Rhoades, E. W. P.	46	Smith, S. A. de	24, 34
Rhodes, G.	41	Smith, T. M. F.	37
Rice, Gladys A.	43	Speak, B. M.	111
Rivers, G.	291	Spearman, Sir Alexander	23
Robbins, Lord	113, 545	Spikesman, W. H. S.	44
Robens, Lord	23	Stacey, Ella	45
Roberts, B. C.	23, 24, 25, 32, 42, 43, 111, 546	Stairs, Sonia W.	41
		Stamp, Sir Dudley	38
Roberts, S.	34	Stern, G. H.	33
Robertson, D. J.	546	Stern, W. M.	29, 298
Robinson, D. A.	111	Steuer, M. D.	30
Robson, W. A.	110	Stewart, A. W. G.	37
Rodger, A.	546	Stobbart, J.	291
Rose, Hilary A.	36	Stocks, Baroness	27
Rosta, P.	41	Stone, Olive M.	24, 34
Royama, M.	41	Stuart, A.	25, 37, 110
Rubin, Marian	290	Subrahmanyam, K.	41
Russell, The Earl	27	Swift, Betty	41
Russell, Katharine F.	36		
		Tate, Elizabeth P.	36
Sales, W. H.	27	Tangley, Lord	23
Sands, Flora D.	45	Taylor, P. G.	33
Sargan, J. D.	24, 30, 545	Thapar, Savitri	41
Sayers, R. S.	30, 545	Theobald, Olga M.	44
Schapera, I.	28	Thomas, B.	113
Schapiro, L. B.	32, 43, 551	Thomas, D. A.	34
Scharf, Betty R.	39	Thomas, D. Janie	39
Schatzky, Brigitte E.	33	Thomas, J. J.	30
Schilling, R. S. F.	23	Thomas, Ursula A.	45
Schwartz, G. L.	27	Thomson, J. M.	41
Scott, A. J.	37	Thornberry, C. H. R.	34
Scott, P. R.	46	Thornes, J. B.	31
Scott-James, Paule H. J.	33	Thorp, E.	32
Scriven, H. C.	44	Thung, S. N.	41
Sealy, A. P. E. L.	35	Thurley, K. E.	32, 546
Sealy, K. R.	25, 31	Tidmarsh, Mavis N.	46
Sear, Beatrice N.	23, 24, 36, 111, 546	Timms, N. W.	36
Secbohm, F.	23	Tint, H.	33, 42
Self, P. J. O.	32, 42, 111	Titmuss, R. M.	36, 545, 553

	PAGE		PAGE
Townsend, H.	31	Whitaker, Sarah P. J.	292
Trist, E.	546	Whiteman, P. G.	34
Tropp, A.	37, 571	Whyman, J.	298
Tugendhat, G.	23, 27, 299	Wiles, P. J. de la F.	31, 551
Turner, H. A.	546	Wilkinson, Agnes H.	45, 285
Tyerman, D.	23	Williams, J. E. Hall	34, 111
Tymes, J.	31	Williams, Joan K.	45
		Wilson, A. E.	291
Valentine, D. G.	34	Wilson, Sir Charles	27
Varlaam, A.	111	Wilson, G. J.	44
Vaughan, Joyce S. I.	45	Wilson, Sir Horace	27
Viner, J.	27	Wilson, Sir Reginald	23
		Windsor, P.	33
Waley, D. P.	29	Wisdom, J. O.	35
Walker, Margaret L.	46	Wise, M. J.	31
Wallis, K. F.	37	Wolf-Phillips, L. A.	32
Walters, Vivien R.	41, 111	Wood, G.	298
Walton, Elizabeth A.	291	Woodburn, J. C.	28
Ware, L. L.	23, 24	Woodcock, G.	27
Warren, Joan M.	46	Woodhouse, C. M.	23
Warren-Evans, D.	44	Workman, R. J.	111
Wates, Diana M.	46	Wren, M.	291
Watkins, J. W. N.	35, 42		
Watt, D. C.	24, 33, 42	Xenos, C.	41
Webb, A. L.	36		
Webb, M. H. J.	41, 111	Yamey, B. S.	31, 42, 43, 111, 545
Webb, Maysie F.	24	Yamini, M.	291
Wedderburn, K. W.	34	Younger, K. G.	23
Wedgwood, J.	27	Youngusband, Dame Eileen	27
Wells, Sir Henry	23, 24		
Weltman, Judith	113	Zander, M.	34
Westergaard, J. H.	37	Zauberman, A.	31
Wheatcroft, G. S. A.	23, 34, 42, 43, 111		

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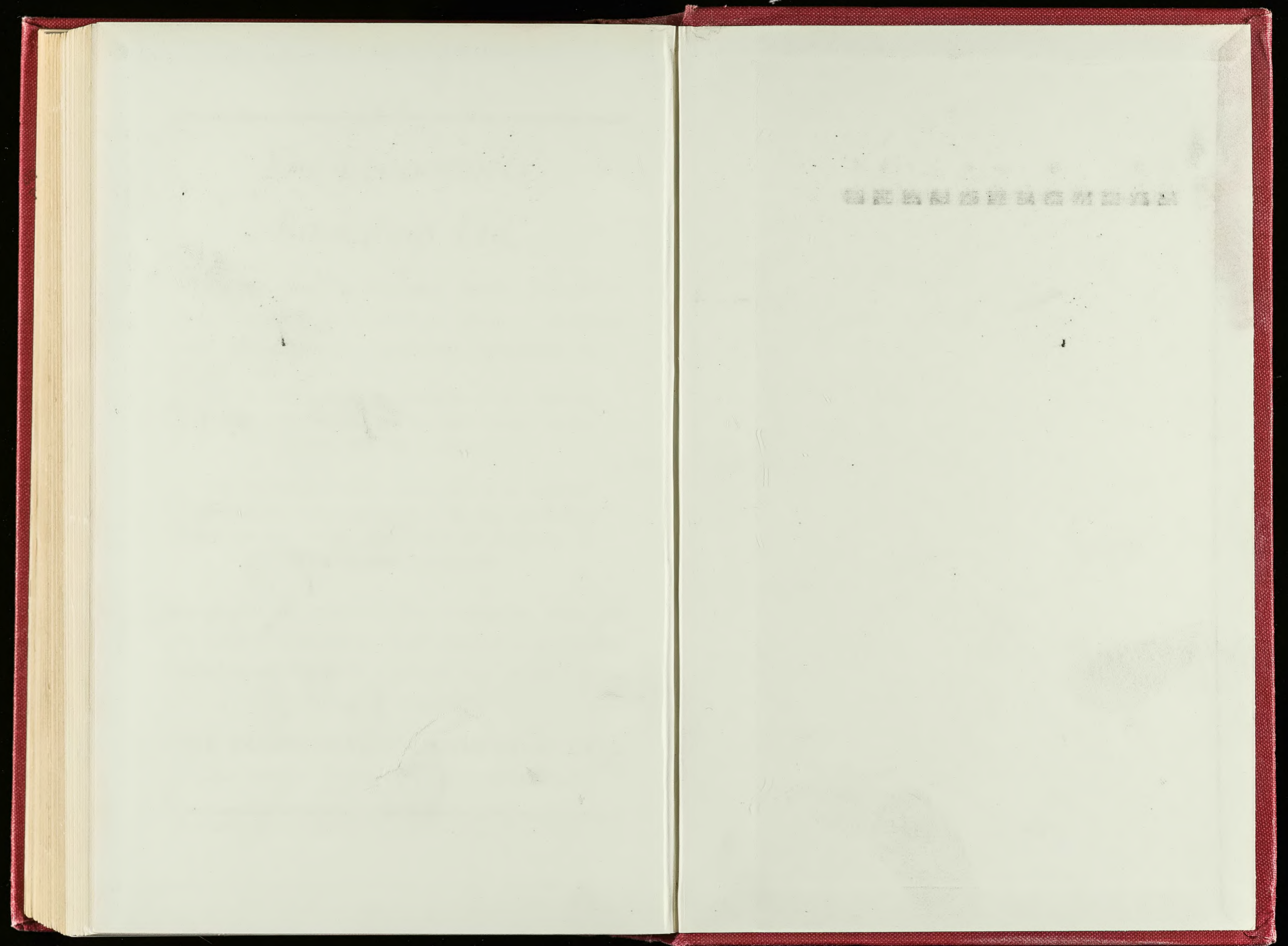
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