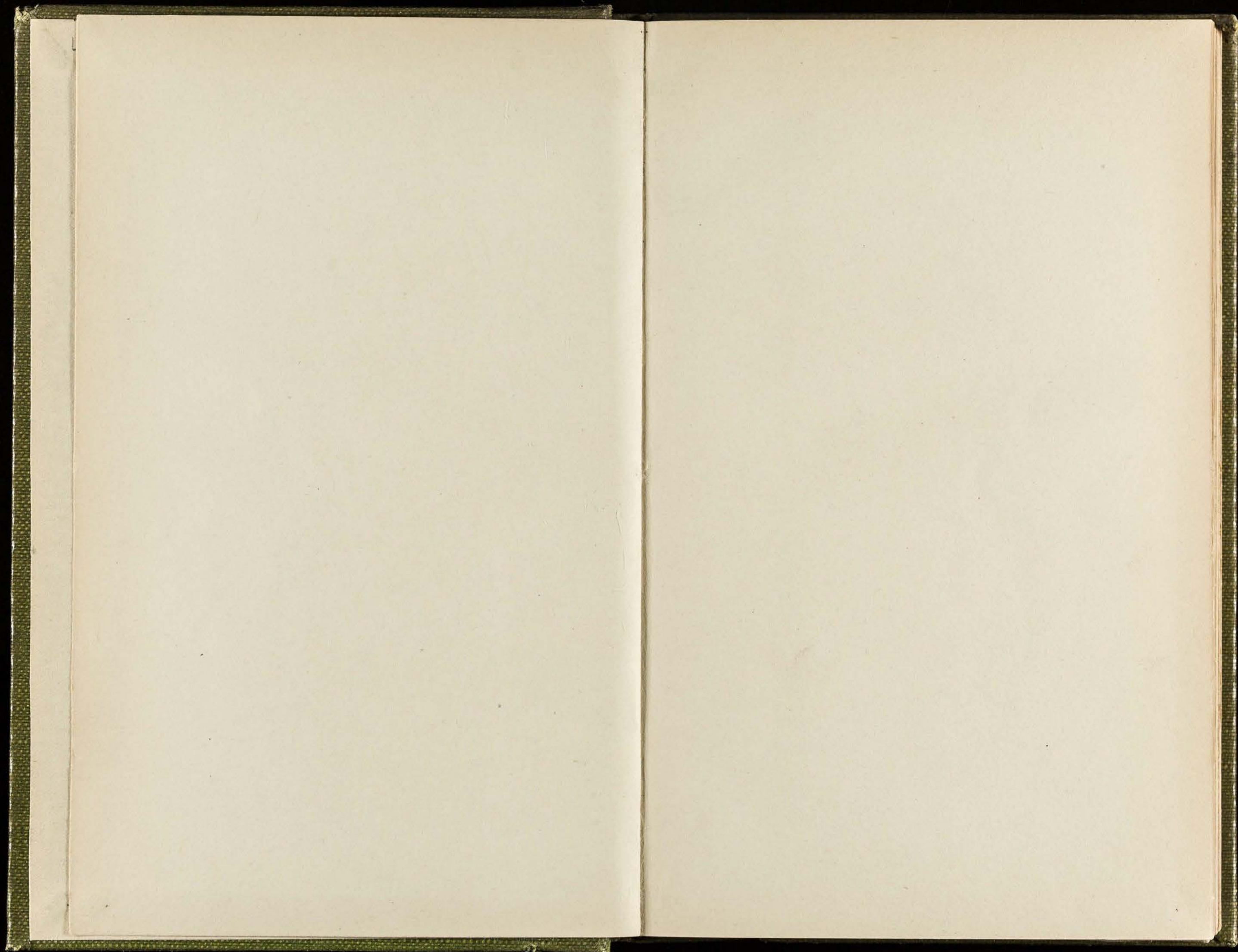


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of
Economics and Political Science.
(UNIVERSITY OF LONDON.)

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1919-20.

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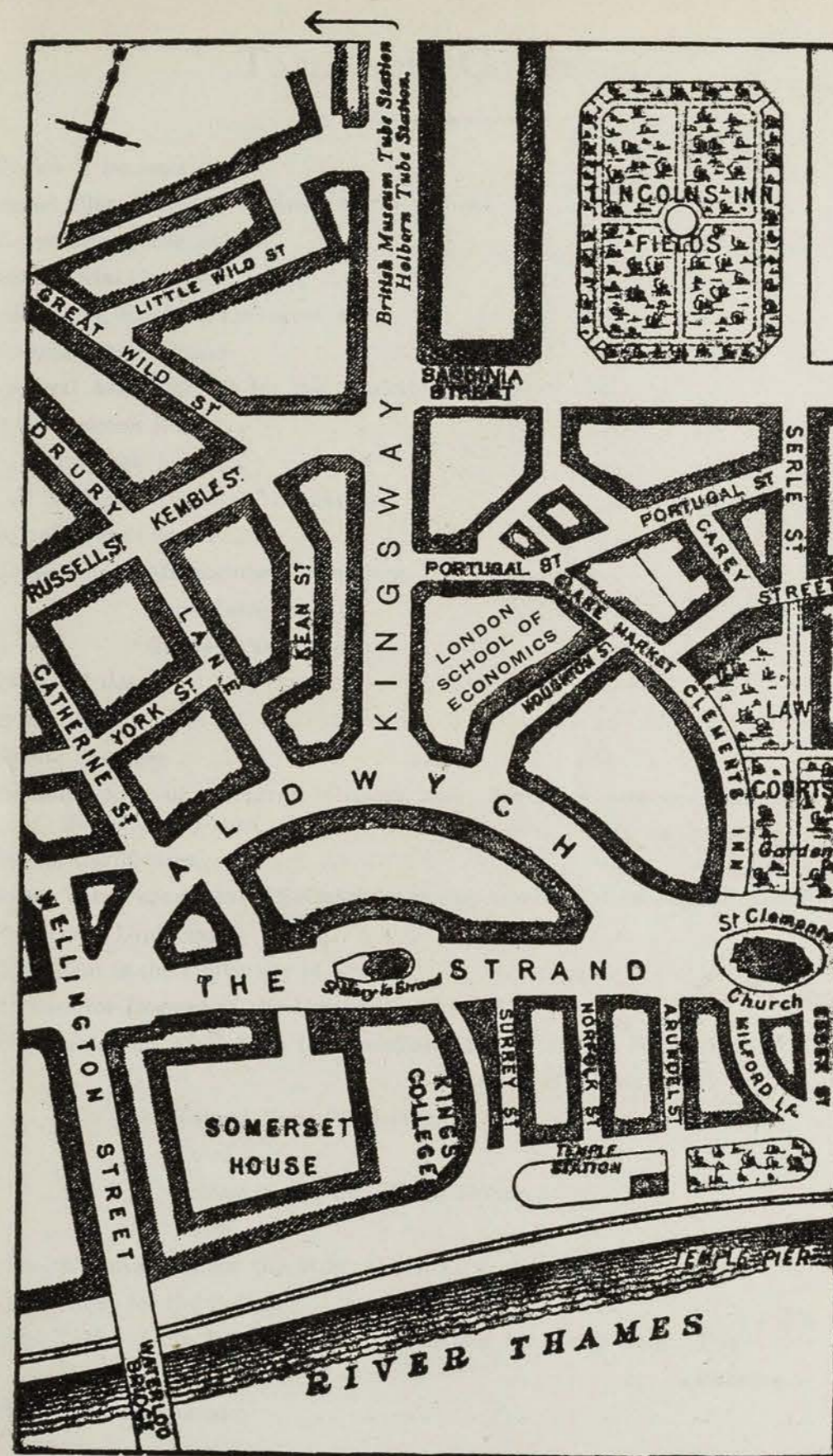
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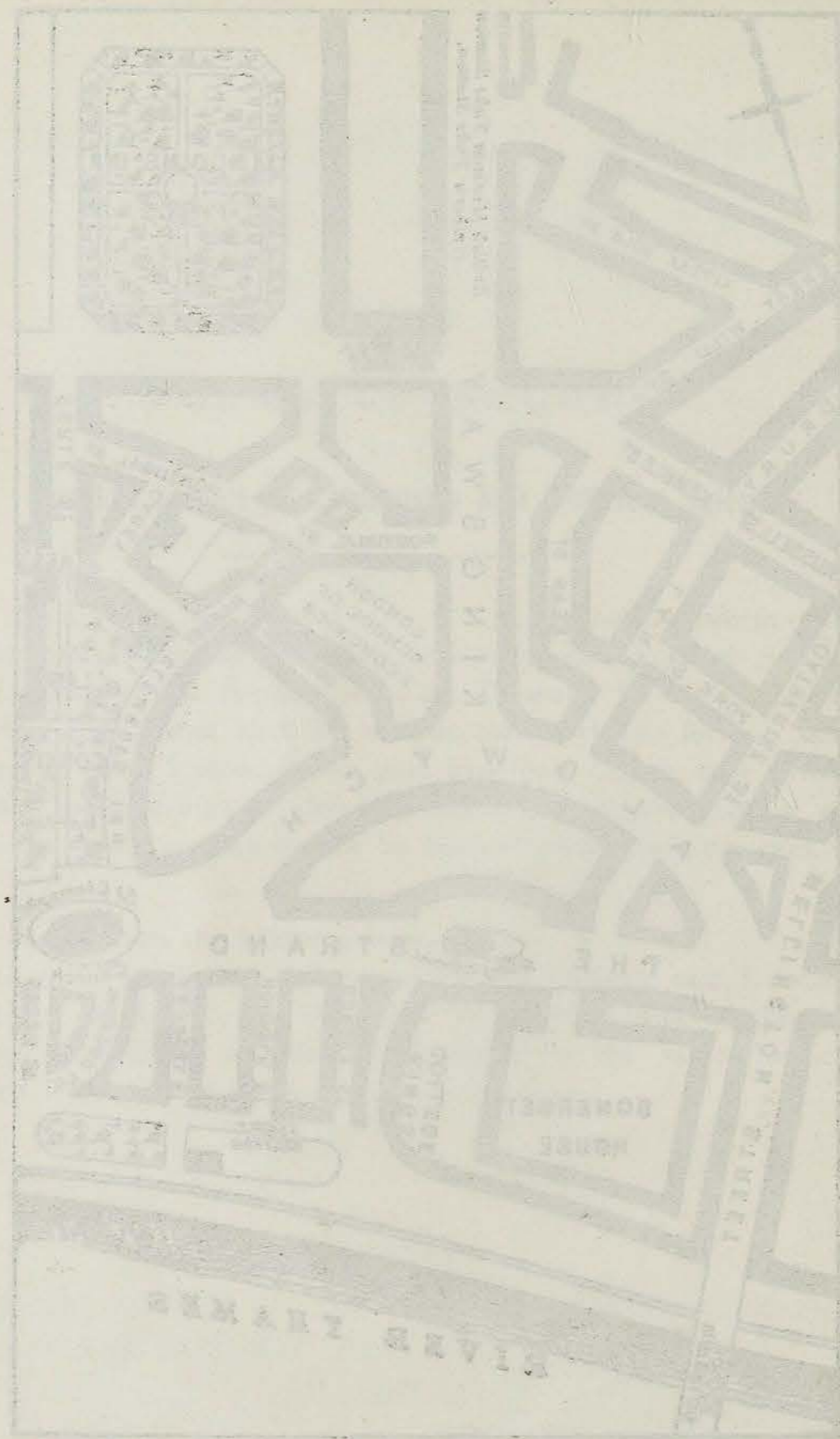


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THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE is a School of the University of London. Amongst the objects of the School are the following:—

(i) To provide for all classes and denominations, without any distinction whatsoever, opportunities and encouragement for pursuing a regular and liberal course of education of the highest grade and quality in the various branches of knowledge dealt with by the Institution, and especially those prescribed or required by the University of London from time to time.

(ii) To supply liberal courses of education specially adapted to the needs of persons who are, or who intend to be, engaged in any kind of administration, including the service of any government or local authority, railways, shipping, banking and currency, international trade, and any of the higher branches of Commerce and Industry, and also the profession of teaching any such subjects.

The lectures and classes of the School are arranged so that students can pursue a full University course, extending over not less than three years, in the subjects required for the B.Sc., M.Sc. and D.Sc. degrees in the Faculty of Economics and Political Science (including Commerce and Industry). Courses are also being arranged in the subjects required for the B.Com. Lectures in commercial subjects will be given in the School itself. Foreign languages and such of the optional subjects as are not provided by the School may be studied at other Schools of the University. All courses for a first degree either the B.Sc. (Econ.) or the B.Com. in this faculty are so arranged that students who can attend in the evening only can meet the full requirements of the University. The courses at the School are also useful for other University Examinations, especially as regards Law, Economics, Accountancy and Business Methods, History, Geography and Sociology, and for many of the subjects in the examination for the newly-instituted Diploma in Journalism.

Students of the School paying the LL.B. Composition Fee have access to the Law lectures not only of the School, but also of University and King's Colleges.

The lectures and classes of the School are also open to those who have not matriculated and cannot, for various reasons, pursue a full University course. Scientific training is provided for those engaged in (i) different branches of public administration, central and local, (ii) trade and commerce, (iii) railways, (iv) accounting. Many of the courses are useful to candidates for the examinations of the Institute of Bankers, the Institute of Chartered Accountants, the Society of Accountants, and the Chartered Institute of Secretaries, as well as to candidates for the Home, India and Consular Civil Services. Special short courses of training in commercial subjects for ex-service students have been arranged, each course lasting for three months

GENERAL ARRANGEMENTS FOR THE SESSION 1919-1920.

The Session will be divided into three Terms:—

Michaelmas Term, Thursday, 2nd October, to Wednesday, 17th December, 1919, eleven weeks;

Lent Term, Thursday, 15th January, to Wednesday, 24th March, 1920, ten weeks;

Summer Term, Monday, 26th April, to Monday, 28th June, 1920, nine weeks.

These Terms are referred to throughout as **M.T.**, **L.T.**, and **S.T.**

The School will be closed on Whit-Monday, 24th May.

The Director will be at the School to advise students as to their courses of study on Monday and Tuesday, 29th and 30th September, and Wednesday, 1st October, from 11 a.m. to 1 p.m.; also on Monday and Tuesday, 29th and 30th September, from 3 to 7 p.m.

Lecturers responsible for Honours subjects will be at the School to meet students, by appointment, on Wednesday, 1st October, between 4 and 5.30 and between 6.30 and 7.30 p.m.

The heads of the departments of Social Science and Administration, Geography, and Commerce will be at the School to meet students on Monday and Tuesday, 29th and 30th September, and Wednesday, 1st October, from 11 a.m. to 1 p.m. The Professor of Commerce will also be glad to see students between 6 and 7 p.m., by appointment, on Monday and Tuesday and between 6.30 and 7.30 p.m. on Wednesday.

Application to join the School must be made on the proper form, to be obtained from the Secretary. All Fees must be paid in advance, either personally or by post, if possible **at least two clear days before the first meeting of the class which it is desired to join.** Cheques should be made payable to the Director, and crossed "London County, Westminster and Parr's Bank."

The Office of the School is open daily, except Saturdays, from 10 a.m. to 5 p.m., during term to 8 p.m.; and on Saturdays from 10 a.m. to 12 noon.

CONDITIONS OF ADMISSION OF STUDENTS.

1.—No person will be admitted as a student under eighteen years of age. Exception is made only for students who have already matriculated at the University of London.

2.—Students intending to follow a course for a first degree must have passed either the London Matriculation examination or some equivalent examination, but War Service entitles to certain exemptions, particulars of which may be obtained from the External Registrar, the University of London, South Kensington, S.W.7.

3.—Students intending to follow a course for a higher degree must produce evidence of their graduation at an approved university.

4.—Research students who have not graduated at a university will be admitted subject to the approval of the Director.

5.—Other students must either have passed the London Matriculation or some other public examination, or may be requested to give such evidence of sufficient general education as the Director may require.

6.—Students whose mother-tongue is not English will be admitted on showing sufficient proficiency in English to enable them to follow the lectures intelligently; or, provisionally only, subject to their immediately taking steps to improve their knowledge of the language. It has been found necessary to establish for the benefit of such students wishing to take a first degree in the Faculty of Economics and Political Science, special tutorial classes in the subjects of the Intermediate Examination. The fee for these special classes is, if prepaid for the whole session, £5 5s.; if paid terminally, £2 2s. for each term. Attendance for one session is, at the beginning of the session, obligatory on all such students, unless specially exempted by the Director. The fee will be refunded to those whose work shows that they are not in need of special assistance.

Information as to the Scholarships and Prizes offered by the School, or open to Students of the School, will be found at pp. 116 to 118.

The principal Students' Societies are Common Room, the Students' Union, and the Railway Students' Association.

COMMON ROOM.

The Common Rooms are open to Members only. The sitting-room and the smoking-room are available during term from 10 a.m. to 9 p.m., on Saturdays from 10 a.m. to noon. Arrangements during vacation are posted on the Notice Board.

Lunch, tea, and dinner are served in the Refectory at reasonable prices. Lunch from 12.45 p.m. to 2.30 p.m., tea from 4 p.m. to 6 p.m., dinner or supper from 6.45 p.m. to 9 p.m. At 9 p.m. the Refectory is closed. Inclusive weekly terms may be arranged with the Housekeeper.

Books may be borrowed from the Students' Lending Library during such hours as the Reading Room is open.

N.B.—The Students' Lending Library must not be confused with the Reference Library, from which books must on no account be taken away.

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Magazine Editor: Mr. H. A. GRIMSHAW.

There is a meeting of the Union each Wednesday of term at 8.15 p.m., preceded by tea and coffee at 7.45 p.m.

The membership fee is 5s. per session, including the "Clare Market Review." The session extends from October to the following June.

Full particulars may be obtained from the Secretaries of the Students' Union, or on application at the School.

A full account of the aims and methods of the Union, with a sketch of its history, will be found in the School Calendar for 1914-15, pp. 288 and 289.

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In order to take advantage of the opportunities of social intercourse offered by the London School of Economics and Political Science the railway students have formed a Railway Students' Association "for the purpose of discussing subjects of general railway interest." Meetings are held monthly during the winter, when papers are read and discussed. All railway men who have ever attended railway lectures at the School, and others, not railway men, who have attended lectures in the Railway Department, are eligible for membership. All information may be obtained from the members of the Committee or the Hon. Treasurer at the School. Subscription 1s. per annum.

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UNIVERSITY OF LONDON APPOINTMENTS BOARD.

The attention of graduates is drawn to the Appointments Board established by the University. The Director is also frequently applied to to recommend candidates for vacant posts. He is always glad to be informed of the qualifications and desires of students seeking appointments.

Students of the London School of Economics and Political Science are at liberty to make use of the facilities offered by the Appointments Board of the University, which assists graduates, and students proceeding to their final degree examinations, to obtain appointments of all kinds. The registration fee is 5s. per annum, and no other charge is made. The register is open to men and women. A copy of the pamphlet setting forth the aims and work of the Board may be obtained from the Secretary of the Board (Mr. H. J. Crawford, B.A.), who will be pleased to give personal interviews, as well as further information and advice as to appointments, to all enquirers. The Board hopes to render special assistance to officers and men released from military service who are seeking civil employment. Address:—The Secretary to the Appointments Board, University of London, South Kensington, S.W. 7.

TIME-TABLES OF
LECTURES AND CLASSES 1919-20.

MICHAELMAS TERM.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83.	Date of beginning
<i>Monday:</i>				
11.0 a.m.	Social Philosophy	Miss CHRISTIE ..	135	13th Oct.
11.0 ..	Accounts of Traders and Com- panies	Prof. DICKSEE & Colonel DE PAULA	155	6th ..
11.0 ..	The Study of Society	Prof. HOBHOUSE ..	110	.. ..
12.0 noon	Social Philosophy (Class) ..	Miss CHRISTIE ..	135	13th ..
12.0 ..	Accounts of Traders and Com- panies (Class)	Prof. DICKSEE & Colonel DE PAULA	156	.. ..
12.0 ..	The Study of Society (Class) ..	Prof. HOBHOUSE ..	111	6th ..
2.30 p.m.	Coal, Water and Oil	Prof. SARGENT ..	144	13th ..
3.0 ..	Seminar	Prof. HOBHOUSE ..	116	6th ..
3.30 ..	International Law (War)	Prof. PEARCE HIGGINS	71	.. ..
4.30 ..	International Law (Class) ..	Prof. PEARCE HIGGINS	71	.. ..
6.0 ..	Advanced Mathematics	Prof. BOWLEY ..	16	.. ..
6.0 ..	Accounts of Traders and Com- panies	Prof. DICKSEE & Colonel DE PAULA	156	.. ..
6.0 ..	Accounting, Part I. (Class) ..	Prof. DICKSEE & Colonel DE PAULA	157	13th ..
6.0 ..	Historical Geography	Mr. MACKINDER ..	91	3rd Nov.
6.15 ..	Constitutional Law, Part I. ..	Prof. MORGAN ..	66	6th Oct.
6.15 ..	Railway Construction and Loco- motive Operation	Mr. STEPHENSON ..	183	.. ..
6.30 ..	Commercial Law, Part II. ..	Mr. PAGE ..	63	.. ..
7.0 ..	Accounts of Traders and Com- panies (Class)	Prof. DICKSEE & Colonel DE PAULA	156	13th ..
7.0 ..	Accounting, Part I.	Prof. DICKSEE & Colonel DE PAULA	157	6th ..
7.15 ..	Constitutional Law (Class) ..	Prof. MORGAN ..	66	.. ..
7.30 ..	Commercial Law (Class) ..	Mr. PAGE ..	63	.. ..
8.0 ..	Administration & Organisation ..	Col. O'MEARA ..	161	13th ..
<i>Tuesday:</i>				
10.45 a.m.	Economic Position of the Great Powers	Dr. KNOWLES ..	51	7th Oct.
11.0 ..	Geography	Major JONES & Miss RODWELL JONES ..	82	.. ..

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83.	Date of beginning
<i>Tuesday—contd.</i>				
12.0 noon	Statistics	Prof. BOWLEY ..	12	7th Oct.
12.0 ..	Currency and Banking	Prof. FOXWELL ..	167	" "
12.0 ..	Geography.. .. .	Major JONES & Miss RODWELL JONES ..	82	" "
12.0 ..	Social Economics.. .. .	Prof. URWICK & MISS CHRISTIE ..	132	" "
2.0 p.m.	Ethnology	Prof. SELIGMAN ..	98	" "
3.0 ..	Economic Theory (Advanced)	Prof. CANNAN ..	2	" "
3.0 ..	Voluntary Effort	Miss ECKHARD ..	130	4th Nov.
3.0 ..	Practical Work and Observation	Prof. URWICK ..	125	7th Oct.
5.0 ..	English Local Government	Mr. ATTLEE ..	131	14th "
5.0 ..	Economic Theory (Class)	Prof. CANNAN ..	3	7th "
6.0 ..	Mathematics	Prof. BOWLEY ..	18	" "
6.0 ..	Economic Theory (Advanced)	Prof. CANNAN ..	2	" "
6.0 ..	First Principles of Economics.. .. .	Mr. DALTON ..	5	" "
6.0 ..	Banking	Prof. FOXWELL ..	169	14th "
7.0 ..	History of Currency and Banking	Prof. FOXWELL ..	170	7th "
6.0 ..	Logic	Dr. WOLF ..	29	" "
7.0 ..	Mathematics	Prof. BOWLEY ..	18	" "
7.0 ..	Logic (Class)	Dr. WOLF ..	19	" "
7.15 ..	Public Finance	Mr. DALTON ..	44	" "
8.0 ..	South America	Mr. JANE.. ..	53	14th "
<i>Wednesday:</i>				
10.30 a.m.	Public Finance	Mr. DALTON ..	44	8th Oct.
10.45 ..	Economic History (First Year)	Dr. KNOWLES ..	55	" "
10.45 ..	Social History	Mr. TAWNEY ..	134	" "
12.0 noon	Elements of Commerce	Mr. GREGORY ..	140	15th "
12.0 ..	Local Government (Introductory)	Mr. LEES SMITH ..	40	8th "
12.0 ..	Local Government	Prof. GRAHAM WALLAS.. ..	41	" "
2.0 p.m.	Early Man in Western Europe	Prof. SELIGMAN ..	99	" "
3.0 ..	Detailed Geography	Major JONES ..	85	" "
3.0 ..	Social Philosophy	Prof. HOBHOUSE ..	112	" "
3.0 ..	Early Man in Western Europe (Class)	Prof. SELIGMAN ..	100	" "
4.0 ..	Social Philosophy (Class)	Prof. HOBHOUSE ..	113	" "
4.30 ..	Railways in relation to the State	Mr. BURTT.. ..	184	" "
*5.0 ..	British Prize Courts and Prize Law during the Great War	Prof. PEARCE HIGGINS.. ..	61	" "

* Single lecture. Open to the public without fee.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83.	Date of beginning.
<i>Wednesday—contd.</i>				
*5.30 p.m.	The Public Service in War and in Peace	The DIRECTOR ..	25	1st Oct.
6.0 ..	Geography	Major JONES & Miss RODWELL JONES ..	82	8th "
6.0 ..	Economic Position of the Great Powers	Dr. KNOWLES ..	51	" "
6.15 ..	Law of Carriage	Mr. BALL ..	186	" "
6.15 ..	Principal Factors in Railway Operating	Mr. BURTT.. ..	160	" "
6.15 ..	Cost Accounts and Efficiency Methods.. .. .	Prof. DICKSEE ..	159	15th "
6.15 ..	Railway Rates and Fares	Mr. STEPHENSON ..	177	8th "
7.0 ..	Geography	Major JONES & Miss RODWELL JONES ..	82	" "
7.15 ..	Commerce of the Great Powers	Mr. GREGORY ..	143	" "
<i>Thursday:</i>				
10.30 a.m.	Economic History (Second Year)	Dr. KNOWLES ..	56	2nd Oct.
11.0 ..	Mathematics	Prof. BOWLEY ..	18	" "
11.0 ..	Logic	Dr. WOLF ..	19	" "
12.0 noon	Mathematics	Prof. BOWLEY ..	18	" "
12.0 ..	Commerce of the Great Powers	Mr. GREGORY ..	143	" "
12.0 ..	Logic (Class)	Dr. WOLF ..	19	" "
2.30 p.m.	Local Government (Class)	Mr. GRIMSHAW ..	41	9th "
3.30 ..	Problems of Central Government	Mr. LEES SMITH ..	32	" "
†5.30 ..	International Labour Legislation	Sir JOHN MACDONELL	74	20th Nov.
6.0 ..	Statistics	Prof. BOWLEY ..	12	2nd Oct.
6.0 ..	Elements of Commerce	Mr. GREGORY ..	140	9th "
6.0 ..	Economic History (Second Year)	Dr. KNOWLES ..	56	2nd "
6.0 ..	Local Government (Introductory)	Mr. LEES SMITH ..	40	" "
*6.15 ..	Railway Professional Education	Mr. ACWORTH ..	175	" "
6.15 ..	Geography of the Railways and Seaports of Asia	Prof. SARGENT ..	176	9th "
7.0 ..	Statistics (Advanced)	Prof. BOWLEY ..	14	2nd "
7.15 ..	Economic History (First Year)	Dr. KNOWLES ..	55	" "
7.15 ..	Local Government	Prof. GRAHAM WALLAS	41	" "
8.0 ..	Railway Rates and Charges	Mr. BURTT ..	182	" "
8.15 ..	Economic History (Class)	Mr. GRIMSHAW ..	55	" "
8.15 ..	Local Government (Class)	Mr. GRIMSHAW ..	41	9th "

* Single lecture. Open to the public without fee.
† Open to the public without fee.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83.	Date of beginning.
<i>Friday:</i>				
11.0 a.m.	World History	Prof. HEARNSHAW and others ..	50	3rd Oct.
11.0 ..	British Constitution	Mr. LEES SMITH ..	29	.. ..
12.0 noon	Elements of Economics ..	Prof. CANNAN ..	1	.. ..
12.15 p.m.	Public Administration (Class) ..	Mr. LEES SMITH ..	37	.. ..
2.30 ..	Elements of Economics (Class)	Mr. DALTON ..	1	.. ..
2.30 ..	Economic History (Class) ..	Mr. GRIMSHAW ..	55	10th ..
3.0 ..	Map Class	Major JONES & Miss RODWELL JONES ..	83	3rd ..
4.30 ..	General Economics (Transport)	Mr. STEPHENSON ..	187	.. ..
5.0 ..	Some Problems of Industry ..	Mr. DALTON ..	6	.. ..
*5.0 ..	The Importance of the River Rhine in the New Map of Europe	Mr. MACKINDER ..	81	.. ..
5.0 ..	Economic Geography (Seminar)	Prof. SARGENT ..	90	.. ..
5.0 ..	Developments arising out of the War	Mr. LEES SMITH ..	42	10th ..
6.0 ..	Elements of Economics	Prof. CANNAN ..	1	3rd ..
6.0 ..	Accounting, Part II. (Class) ..	Prof. DICKSEE & Colonel DE PAULA ..	158	10th ..
6.0 ..	Detailed Geography	Miss RODWELL JONES ..	86	3rd ..
6.15 ..	Constitutional Law, Part II. ..	Prof. MORGAN ..	68	.. ..
6.15 ..	European Railways	Mr. STEPHENSON ..	185	.. ..
6.30 ..	Commercial Law, Part I. ..	Mr. LE QUESNE ..	62	.. ..
7.0 ..	Accounting, Part II.	Prof. DICKSEE & Colonel DE PAULA ..	158	.. ..
7.0 ..	International Law (Class) ..	Prof. PEARCE HIGGINS ..	72	10th ..
7.15 ..	World History	Prof. HEARNSHAW and others ..	50	3rd ..
7.15 ..	Constitutional Law (Class) ..	Prof. MORGAN ..	68	.. ..
7.15 ..	British Constitution	Mr. LEES SMITH ..	29	.. ..
7.30 ..	Commercial Law (Class) ..	Mr. LE QUESNE ..	62	.. ..
8.0 ..	International Law (Peace) ..	Prof. PEARCE HIGGINS ..	72	.. ..
8.0 ..	Railway Economics—Commer- cial	Mr. STEPHENSON ..	181	.. ..
8.15 ..	Elements of Economics (Class)	Mr. DALTON ..	1	10th ..
<i>Saturday:</i>				
11.0 ..	Map Class	Major JONES & Miss RODWELL JONES ..	84	4th ..
11.0 a.m.	The British Empire under the New Conditions of the World	Mr. MACKINDER ..	93	8th Nov.

* Single lecture. Open to the public without fee.

TIME-TABLES OF
LECTURES AND CLASSES, 1919-20.
LENT TERM.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83.	Date of beginning.
<i>Monday:</i>				
11.0 a.m.	Social Philosophy	Miss CHRISTIE ..	135	19th Jan.
11.0 ..	Accounts of Traders and Com- panies	Prof. DICKSEE & Colonel DE PAULA ..	155	.. ..
11.0 ..	The Study of Society	Prof. HOBHOUSE ..	110	.. ..
12.0 noon	Social Philosophy (Class) ..	Miss CHRISTIE ..	135	.. ..
12.0 ..	Accounts of Traders and Com- panies (Class)	Prof. DICKSEE & Colonel DE PAULA ..	156	.. ..
12.0 ..	The Study of Society (Class) ..	Prof. HOBHOUSE ..	111	.. ..
2.30 p.m.	Markets	Prof. SARGENT ..	145	.. ..
3.0 ..	Seminar	Prof. HOBHOUSE ..	116	.. ..
3.30 ..	International Law (War) ..	Prof. PEARCE HIGGINS ..	71	.. ..
4.30 ..	International Law (Class) ..	Prof. PEARCE HIGGINS ..	71	.. ..
6.0 ..	Advanced Mathematics	Prof. BOWLEY ..	16	.. ..
6.0 ..	Accounts of Traders and Com- panies	Prof. DICKSEE & Colonel DE PAULA ..	155	.. ..
6.0 ..	Accounting, Part I. (Class) ..	Prof. DICKSEE & Colonel DE PAULA ..	157	.. ..
6.0 ..	Historical Geography	Mr. MACKINDER ..	91	9th Feb.
6.0 ..	Markets	Prof. SARGENT ..	145	19th Jan.
6.15 ..	Railway Construction and Lo- comotive Operation	Mr. STEPHENSON ..	183	.. ..
6.15 ..	Constitutional Law, Part I. ..	Prof. MORGAN ..	66	.. ..
6.30 ..	Geography of London	Miss RODWELL JONES ..	94	.. ..
6.30 ..	Commercial Law, Part II. ..	Mr. LE QUESNE ..	63	.. ..
7.0 ..	Current Statistical Questions	Prof. BOWLEY ..	15	.. ..
7.0 ..	Accounts of Traders and Com- panies (Class)	Prof. DICKSEE & Colonel DE PAULA ..	156	.. ..
7.0 ..	Accounting, Part I.	Prof. DICKSEE & Colonel DE PAULA ..	157	.. ..
7.15 ..	Constitutional Law (Class) ..	Prof. MORGAN ..	66	.. ..
7.30 ..	Commercial Law (Class) ..	Mr. LE QUESNE ..	63	.. ..

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83	Date of beginning.
<i>Tuesday :</i>				
10.45 a.m.	Economic Position of the Great Powers	Dr. KNOWLES ..	51	20th Jan.
11.0 ..	Geography	Major JONES & Miss RODWELL JONES	82	" "
12.0 noon	Statistics	Prof. BOWLEY ..	12	" "
12.0 ..	Currency and Banking ..	Prof. FOXWELL ..	167	" "
12.0 ..	Geography	Major JONES & Miss RODWELL JONES	82	" "
12.0 ..	Social Economics	Prof. URWICK & Miss CHRISTIE ..	132	" "
2.0 p.m.	The Melanesians of Papua ..	Prof. SELIGMAN ..	101	" "
2.30 ..	Introduction to Statistics ..	Prof. BOWLEY ..	11	" "
3.0 ..	Economic Theory (Advanced) ..	Prof. CANNAN ..	2	" "
3.0 ..	The Melanesians of Papua (Class)	Prof. SELIGMAN ..	102	" "
3.30 ..	Introduction to Statistics (Class)	Prof. BOWLEY ..	11	" "
5.0 ..	Industrial Conditions	Mr. ATTLEE ..	126	" "
5.0 ..	Economic Theory (Class) ..	Prof. CANNAN ..	3	" "
5.0 ..	Government and Industry ..	Prof. SIDNEY WEBB	7	" "
6.0 ..	Mathematics	Prof. BOWLEY ..	18	" "
6.0 ..	Economic Theory (Advanced)	Prof. CANNAN ..	2	" "
6.0 ..	First Principles of Economics ..	Mr. DALTON ..	5	" "
6.0 ..	Banking	Prof. FOXWELL ..	169	" "
6.0 ..	Tariffs	Mr. GREGORY ..	43	" "
6.0 ..	Government Departments of the United Kingdom ..	Prof. GRAHAM WALLAS ..	30	" "
6.0 ..	Logic	Dr. WOLF ..	19	" "
6.15 ..	Railway System as a Wealth- Creating Machine	Mr. BURTT ..	178	" "
7.0 ..	Mathematics	Prof. BOWLEY ..	18	" "
7.0 ..	History of Currency and Banking	Prof. FOXWELL ..	170	" "
7.0 ..	Logic (Class)	Dr. WOLF ..	19	" "
7.15 ..	Political Ideas	Mr. DICKINSON ..	26	" "
<i>Wednesday :</i>				
10.45 a.m.	Economic History (First Year)	Dr. KNOWLES ..	55	21st Jan.
10.45 ..	Social History	Mr. TAWNEY ..	134	" "
12.0 noon	Foreign Trade	Mr. GREGORY ..	141	" "
12.0 ..	Social Management	Prof. URWICK ..	129	" "
12.0 ..	Local Government	Prof. GRAHAM WALLAS ..	41	" "
2.0 p.m.	Some Migrations and Sur- vivals	Prof. SELIGMAN ..	103	" "
3.0 ..	Comparative and Social Psy- chology (Class)	Prof. HOBHOUSE ..	114	" "
3.0 ..	Detailed Geography	Major JONES ..	85	" "
3.0 ..	Some Migrations and Survivals (Class)	Prof. SELIGMAN ..	104	" "

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83	Date of beginning.
<i>Wednesday—contd.</i>				
4.0 p.m.	Comparative and Social Psy- chology	Prof. HOBHOUSE ..	115	21st Jan.
4.30 ..	Railways in relation to the State	Mr. BURTT ..	184	" "
5.0 ..	The Peoples of Europe	Prof. SELIGMAN ..	105	28th "
5.0 ..	Wage Systems	Prof. URWICK ..	8	21st "
6.0 ..	Geography	Major JONES & Miss RODWELL JONES	82	" "
6.0 ..	Economic Position of the Great Powers	Dr. KNOWLES ..	51	" "
6.0 ..	Mandatory States	Prof. MORGAN ..	34	28th "
6.15 ..	Law of Carriage	Mr. BALL ..	186	21st "
6.15 ..	Principal Factors in Railway Operating	Mr. BURTT ..	180	" "
6.15 ..	Business Organisation	Prof. DICKSEE ..	160	" "
6.15 ..	Passenger Transport in Great Cities	Mr. STEPHENSON ..	188	" "
7.0 ..	Geography	Major JONES & Miss RODWELL JONES	82	" "
7.15 ..	Commerce of the Great Powers	Mr. GREGORY ..	143	" "
<i>Thursday :</i>				
10.30 a.m.	Economic History (Second Year)	Dr. KNOWLES ..	56	15th Jan.
11.0 ..	Mathematics	Prof. BOWLEY ..	18	" "
11.0 ..	Logic	Dr. WOLF ..	19	" "
12.0 noon	Mathematics	Prof. BOWLEY ..	18	" "
12.0 ..	Commerce of the Great Powers	Mr. GREGORY ..	143	" "
12.0 ..	Logic (Class)	Dr. WOLF ..	19	" "
2.30 p.m.	Local Government (Class) ..	Mr. GRIMSHAW ..	41	" "
3.30 ..	Problems of Central Govern- ment	Mr. LEES SMITH ..	32	" "
5.0 ..	Psychology of Modern Society	Prof. GRAHAM WALLAS ..	27	" "
6.0 ..	Statistics	Prof. BOWLEY ..	12	" "
6.0 ..	Partition of Africa	Miss GRAVES ..	54	" "
6.0 ..	Foreign Trade	Mr. GREGORY ..	141	" "
6.0 ..	Economic History (Second Year)	Dr. KNOWLES ..	56	" "
6.0 ..	Logic (Senior Course)	Dr. WOLF ..	13	12th Feb.
7.0 ..	Statistics (Advanced)	Prof. BOWLEY ..	14	15th Jan.
7.15 ..	Foreign Exchanges	Mr. GREGORY ..	142	" "
7.15 ..	Economic History (First Year)	Dr. KNOWLES ..	55	" "
7.15 ..	Local Government	Prof. GRAHAM WALLAS ..	41	" "
8.0 ..	Railway Rates and Charges ..	Mr. BURTT ..	182	" "
8.15 ..	Central Government (Class) ..	Mr. GRIMSHAW ..	41	" "
8.15 ..	Economic History (Class) ..	Mr. GRIMSHAW ..	55	22nd "

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83	Date of beginning.
<i>Friday:</i>				
11.0 a.m.	World History	Prof. HEARNshaw and others	50	16th Jan
11.0 ,,	British Constitution	Mr. LEES SMITH	29	,, ,,
12.0 noon.	Elements of Economics	Prof. CANNAN ..	1	,, ,,
12.15 p.m.	Public Administration (Class)	Mr. LEES SMITH ..	37	,, ,,
2.30 ,,	Elements of Economics (Class)	Mr. DALTON ..	1	23rd ,,
2.30 ,,	Economic History (Class) ..	Mr. GRIMSHAW ..	55	16th ,,
3.0 ,,	Map Class	Major JONES & Miss RODWELL JONES	83	,, ,,
5.0 ,,	Some Problems of Industry ..	Mr. DALTON ..	6	,, ,,
5.0 ,,	Economic Geography (Seminar)	Prof. SARGENT ..	90	,, ,,
5.0 ,,	Developments arising out of the War	Mr. LEES SMITH ..	42	,, ,,
6.0 ,,	Elements of Economics	Prof. CANNAN ..	1	,, ,,
6.0 ,,	Accounting, Part II. (Class) ..	Prof. DICKSEE & Colonel DE PAULA	158	,, ,,
6.0 ,,	Detailed Geography	Miss RODWELL JONES	86	,, ,,
6.0 ,,	The Peace Treaty in the Light of Economic Geography ..	Prof. SARGENT ..	87	6th Feb.
6.0 ,,	History of English Transport	Mr. CLEVELAND- STEVENS	179	16th Jan.
6.15 ,,	Constitutional Law, Part II. . .	Prof. MORGAN ..	68	,, ,,
6.15 ,,	European Railways	Mr. STEPHENSON ..	185	,, ,,
6.30 ,,	Commercial Law, Part I. ..	Mr. LE QUESNE ..	62	,, ,,
7.0 ,,	Accounting, Part II.	Prof. DICKSEE & Colonel DE PAULA	158	,, ,,
7.0 ,,	International Law (Class) ..	Prof. PEARCE HIGGINS	72	,, ,,
7.15 ,,	World History	Prof. HEARNshaw and others	50	,, ,,
7.15 ,,	Constitutional Law (Class) ..	Prof. MORGAN ..	68	,, ,,
7.15 ,,	Commercial Relations of the United Kingdom with the Near East	Prof. SARGENT ..	146	,, ,,
7.15 ,,	British Constitution	Mr. LEES SMITH ..	29	,, ,,
7.30 ,,	Commercial Law (Class) ..	Mr. LE QUESNE ..	62	,, ,,
8.0 ,,	International Law (Peace) ..	Prof. PEARCE HIGGINS	72	,, ,,
8.0 ,,	Railway Economics— Commercial	Mr. STEPHENSON ..	181	,, ,,
8.15 ,,	Elements of Economics (Class)	Mr. DALTON ..	1	,, ,,
<i>Saturday:</i>				
11.0 a.m.	Map Class	Major JONES & Miss RODWELL JONES	84	17th ,,

TIME-TABLES OF
LECTURES AND CLASSES—1919-20.

SUMMER TERM.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83	Date of beginning.
<i>Monday:</i>				
11.0 a.m.	Accounts of Traders and Com- panies	Prof. DICKSEE & Colonel DE PAULA	155	26th April
11.0 ,,	Application of Economic Prin- ciples to Social Questions ..	Prof. URWICK & Miss CHRISTIE ..	133	,, ,,
11.0 ,,	Social Institutions	Prof. WESTERMARCK	117	,, ,,
12.0 noon	Accounts of Traders and Com- panies (Class)	Prof. DICKSEE & Colonel DE PAULA	156	,, ,,
12.0 ,,	Social Institutions (Class) ..	Prof. WESTERMARCK	118	,, ,,
2.30 p.m.	Markets	Prof. SARGENT ..	145	,, ,,
3.30 ,,	International Law (War) ..	Prof. PEARCE HIGGINS	71	,, ,,
4.30 ,,	International Law (Class) ..	Prof. PEARCE HIGGINS	71	,, ,,
5.0 ,,	Industrial Problems	Various Lecturers ..	127	,, ,,
5.0 ,,	Early Beliefs	Prof. WESTERMARCK	119	,, ,,
6.0 ,,	Advanced Mathematics ..	Prof. BOWLEY ..	16	,, ,,
6.0 ,,	Accounts of Traders and Com- panies	Prof. DICKSEE & Colonel DE PAULA	155	,, ,,
6.0 ,,	Accounting, Part I. (Class) ..	Prof. DICKSEE & Colonel DE PAULA	157	,, ,,
6.0 ,,	Markets	Prof. SARGENT ..	145	,, ,,
6.0 ,,	Early Beliefs (Class)	Prof. WESTERMARCK	120	,, ,,
6.0 ,,	Logic (Class)	Dr. WOLF ..	20	,, ,,
6.15 ,,	Constitutional Law, Part I. ..	Prof. MORGAN ..	66	,, ,,
6.30 ,,	Commercial Law, Part II. ..	Mr. LE QUESNE ..	63	,, ,,
7.0 ,,	Accounts of Traders and Com- panies (Class)	Prof. DICKSEE & Colonel DE PAULA	156	,, ,,
7.0 ,,	Accounting, Part I.	Prof. DICKSEE & Colonel DE PAULA	157	,, ,,
7.15 ,,	Constitutional Law (Class) ..	Prof. MORGAN ..	66	,, ,,
7.30 ,,	Commercial Law (Class) ..	Mr. LE QUESNE ..	63	,, ,,
<i>Tuesday:</i>				
10.45 a.m.	Economic Position of the Great Powers	Dr. KNOWLES ..	51	27th April
11.0 ,,	Geography	Major JONES & Miss RODWELL JONES	82	,, ,,
11.0 ,,	Social Institutions	Prof. WESTERMARCK	117	26th ,,
12.0 noon	Statistics	Prof. BOWLEY ..	12	27th ,,
12.0 ,,	Geography	Major JONES & Miss RODWELL JONES	82	,, ,,
12.0 ,,	Social Economics	Prof. URWICK & Miss CHRISTIE ..	132	,, ,,
12.0 ,,	Social Institutions (Class) ..	Prof. WESTERMARCK	118	26th ,,
3.0 p.m.	Economic Theory (Advanced) ..	Prof. CANNAN ..	2	27th ,,

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83	Date of beginning.
<i>Tuesday—contd.</i>				
3.0 p.m.	Seminar	Prof. WESTERMARCK	121	27th April
5.0	Economic Theory (Class) ..	Prof. CANNAN	3	" "
5.0	The British Empire	Prof. GRAHAM WALLAS	36	" "
6.0	Mathematics	Prof. BOWLEY	18	" "
6.0	Economic Theory (Advanced) ..	Prof. CANNAN	2	" "
6.0	First Principles of Economics ..	Mr. DALTON	5	" "
6.0	The Stock Exchange	Prof. FOXWELL	168	" "
6.0	Logic	Dr. WOLF	19	" "
7.0	Mathematics	Prof. BOWLEY	18	" "
7.0	History of Currency and Banking	Prof. FOXWELL	170	" "
7.0	Logic (Class)	Dr. WOLF	19	" "
7.15	Political Ideas	Mr. DICKINSON	26	" "
<i>Wednesday :</i>				
10.45 a.m.	Economic History (First Year) ..	Dr. KNOWLES	55	28th April
10.45	Social History	Mr. TAWNEY	134	" "
12.0 noon	Social Management	Prof. URWICK	129	" "
12.0	Local Government	Prof. GRAHAM WALLAS	41	" "
3.0 p.m.	Detailed Geography	Major JONES	85	" "
3.0	Railways and Seaports of North America	Prof. SARGENT	88	12th May
6.0	Geography	Major JONES & Miss RODWELL JONES	82	28th April
6.0	Economic Position of the Great Powers	Dr. KNOWLES	51	" "
6.15	Business Organisation	Prof. DICKSEE	160	" "
7.0	Geography	Major JONES & Miss RODWELL JONES	82	" "
7.15	Commerce of the Great Powers	Mr. GREGORY	143	" "
<i>Thursday :</i>				
10.30 a.m.	Economic History (Second Year)	Dr. KNOWLES	56	29th April
11.0	Mathematics	Prof. BOWLEY	18	" "
11.0	Logic	Dr. WOLF	19	" "
12.0 noon	Mathematics	Prof. BOWLEY	18	" "
12.0	Commerce of the Great Powers	Mr. GREGORY	143	" "
12.0	Logic (Class)	Dr. WOLF	19	" "
2.30 p.m.	Local Government (Class) ..	Mr. GRIMSHAW	41	" "
5.0	Psychology of Modern Society	Prof. GRAHAM WALLAS	27	" "
6.0	Statistics	Prof. BOWLEY	12	" "
6.0	Currency and Banking (Intro- ductory)	Prof. FOXWELL	165	" "
6.0	Economic History (Second Year)	Dr. KNOWLES	56	" "
6.0	Logic (Senior Course)	Dr. WOLF	13	" "

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83	Date of beginning.
<i>Thursday—contd.</i>				
7.0 p.m.	Statistics (Advanced)	Prof. BOWLEY	14	29th April
7.15	Economic History (First Year) ..	Dr. KNOWLES	55	" "
7.15	Local Government	Prof. GRAHAM WALLAS	41	" "
8.15	Local Government (Class) ..	Mr. GRIMSHAW	41	" "
8.15	Economic History (Class) ..	Mr. GRIMSHAW	55	6th May
<i>Friday :</i>				
11.0 a.m.	World History	Prof. HEARNshaw and others	50	30th April
11.0	British Constitution	Mr. LEES SMITH	29	" "
12.0 noon	Elements of Economics	Prof. CANNAN	1	" "
12.0	Class for the Study of Com- mercial Documents	Prof. SARGENT & Mr. GREGORY	147	" "
12.15 p.m.	Public Administration (Class) ..	Mr. LEES SMITH	37	" "
2.30	Elements of Economics (Class)	Mr. DALTON	1	7th May
2.30	Economic History (Class) ..	Mr. GRIMSHAW	55	30th April
3.0	Map Class	Major JONES & Miss RODWELL JONES	83	" "
3.0	Modern Historical Geography ..	Prof. SARGENT	93	" "
5.0	Some Problems of Industry ..	Mr. DALTON	6	" "
5.0	Federal Government	Prof. MORGAN	35	" "
5.0	Economic Geography (Seminar)	Prof. SARGENT	90	" "
5.0	Parliamentary Institutions ..	Mr. LEES SMITH	33	" "
6.0	Elements of Economics	Prof. CANNAN	1	" "
6.0	Accounting, Part II. (Class) ..	Prof. DICKSEE & Colonel DE PAULA	158	" "
6.0	Detailed Geography	Miss RODWELL JONES	86	" "
6.15	Constitutional Law, Part II. ..	Prof. MORGAN	68	" "
6.30	Commercial Law, Part I. ..	Mr. LE QUESNE	62	" "
7.0	Accounting, Part II.	Prof. DICKSEE & Colonel DE PAULA	158	" "
7.0	International Law (Class) ..	Prof. PEARCE HIGGINS	72	" "
7.15	World History	Prof. HEARNshaw and others	50	" "
7.15	Constitutional Law (Class) ..	Prof. MORGAN	68	" "
7.15	British Constitution	Mr. LEES SMITH	29	" "
7.30	Commercial Law (Class) ..	Mr. LE QUESNE	62	" "
8.0	Foreign Banking	Mr. GREGORY	166	" "
8.0	International Law (Peace) ..	Prof. PEARCE HIGGINS	72	" "
8.15	Elements of Economics (Class) ..	Mr. DALTON	1	" "
<i>Saturday :</i>				
11.0 a.m.	Map Class	Major JONES & Miss RODWELL JONES	84	1st May

TABLE OF FEES.**Composition Fees.**

General Composition Fee, admitting to all classes and lectures at the School, except the tutorial classes for candidates for the certificate in the Ratan Tata Department of Social Science and Administration; if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

In the Faculty of Economics for day students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes under the intercollegiate system two hours of instruction per week throughout each session in French or German at King's College.

For the B. Com. intermediate course, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes admission to all the subjects which may be studied in the School itself, *i.e.*, all compulsory subjects for the intermediate examination and two of the optional subjects, *viz.*, Mathematics and History. It also admits to a course in one language to be taken under the inter-collegiate system at another School of the University. Students who wish to take other optional subjects will be required to pay the fee in addition.

Students working for a first degree in the Faculty of Economics whose mother tongue is not English, are expected to attend, during the first session, the special tutorial classes provided for their benefit in the subjects of the intermediate examination, see p. 15, section 6. Fee, if prepaid for the session, £5 5s.; if paid terminally, £2 2s. for each term.

In the Faculty of Economics for evening students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £10 10s.; if paid terminally, £4 4s. for each term. No teaching in languages is included in this fee.

For the B. Com. intermediate course covering a period of two sessions and admitting to a course in one language to be taken under the inter-collegiate system at another School of the University, if prepaid for the two sessions, £15 15s.; if paid in annual instalments, in the first session, £10 10s., and in the second session, £7 7s.; or if paid terminally, during the first session, £4 4s. each term, during the second session, £3 3s. each term.

In the Faculty of Laws, for the LL.B., if prepaid for the whole session, £12 12s.; if paid terminally, £5 5s. for each term.

These fees admit only to the LL.B. inter-collegiate courses held at the London School of Economics and Political Science, University College, and King's College. They include the payment of Union and Common Room fees, and entitle the student also to Common Room privileges at the two other Colleges.

Research Fees.

Research students who have access to the Library and are placed in communication with those lecturers and others able to assist them may be enrolled at any time. Fee, if prepaid for the

whole session, £3 3s.; if paid terminally, £1 11s. 6d. for each term; for any period not exceeding six weeks from entry, £1 1s.

Advanced students receiving guidance from the lecturers either individually or in a seminar will pay the Research Fee.

In the Faculty of Economics.—Fees for candidates for higher degrees registered under Statutes 113 and 129, M.Sc. or D.Sc., if prepaid for two sessions, £15 15s.; if paid sessionally, £10 10s. for each session; if paid terminally, £4 4s. for each term.

In the Faculty of Laws, for the LL.D., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

In the Faculty of Arts, for the M.A. or D.Lit., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

Departmental Fees.

In the Ratan Tata Department of Social Science and Administration, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. These fees admit to all classes and lectures at the School. For the joint course with the Household and Social Science Department of King's College for Women the fee is thirty guineas if prepaid for the whole session: if paid terminally £11 11s. for each term.

For Candidates for the Geography Certificate, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

For Candidates for the Academic Diploma in Geography, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. Students spreading their course over two years are expected to pay a further fee of £3 3s. in the second year.

These fees admit also to the necessary lectures at University College.

For Candidates for the Commercial Certificate, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. These fees admit also to the necessary language classes.

For the Special Courses of Commercial Training for Ex-Service Students, £6 6s. for each course.

Course Fees.

The fee for each separate course will be found set out in the general list of lectures and classes commencing at p. 32.

Common Room Subscription.—The Common Room and Lending Library Subscription is 2s. 6d. a term, or 5s. a session.

Lockers are provided at a rent of 1s. a term, or 2s. 6d. a session. A deposit of 2s. 6d. is required, to be given back when the key of the locker is returned.

A student renting a locker for one term only is required either to renew his subscription or to give up the key on or before the last day of term. Otherwise the deposit will be held to be forfeited.

THE WORK OF THE SCHOOL.

The work of the School is arranged in the following groups, some of which are appropriate for University Honours in the Faculties of Arts, Laws, and Economics, and some for Professional, Commercial, and Administrative purposes. Specially to be noted is the Ratan Tata Department of Social Science and Administration of the University of London, located at the School, which, in addition to theoretical training, affords to the student unique opportunities for gaining practical experience in different kinds of social work.

- a. ECONOMICS (*see pp.* 32—37).
- b. POLITICS AND PUBLIC ADMINISTRATION (*see pp.* 38—42).
- c. HISTORY (*see pp.* 43—47).
- d. LAW (*see pp.* 48—55).
- e. GEOGRAPHY (*see pp.* 56—59 and 88).
- f. ETHNOLOGY (*see pp.* 60—61).
- g. SOCIOLOGY (*see pp.* 62—63).
- h. SOCIAL SCIENCE AND ADMINISTRATION (*see pp.* 64—66 and 89—90).
- j. COMMERCE AND INDUSTRY (*see pp.* 67—70).
- k. ACCOUNTING AND BUSINESS METHODS (*see pp.* 71—73).
- l. BANKING (*see pp.* 74—77).
- m. TRANSPORT (*see pp.* 78—83).

And in addition

1. The Undergraduate Courses of the University of London (*see pp.* 92—113).
2. The Department of Graduate Study and Research (*see p.* 113).
3. The Special Courses of Commercial Training for ex-Service Students (*see pp.* 85—87).

DETAILED LIST

of Lectures, Classes, and Seminars.

Session 1919-20.

The following **PUBLIC LECTURES** have been arranged:—

The Public Service in War and in Peace, a lecture by Sir WILLIAM BEVERIDGE, K.C.B., Director of the School, on Wednesday, 1st October, at 5.30 p.m. Sir ARTHUR STEEL-MAITLAND, Bart., M.P., in the Chair.

Railway Professional Education, a lecture by Mr. ACWORTH, on Thursday, 2nd October, at 6.15 p.m. The Right Hon. Sir ERIC GEDDES, G.C.B., G.B.E., M.P., Minister of Transport, in the Chair.

The Importance of the River Rhine in the New Map of Europe, a lecture by Mr. H. J. MACKINDER, M.P., on Friday, 3rd October, at 5 p.m. Colonel L. S. AMERY, M.P., Under Secretary for the Colonies, in the Chair.

British Prize Courts and Prize Law during the Great War, a lecture by Professor PEARCE HIGGINS, on Wednesday, 8th October, at 5 p.m. The Right Hon. the Lord High Chancellor in the Chair.

* **International Labour Legislation**, a course of three lectures by Professor Sir JOHN MACDONELL, on Thursdays, at 5.30 p.m., in Michaelmas Term, beginning 20th November.

* These lectures are given at the London School of Economics and Political Science with the approval of the Senate and by arrangement with the Council of University College.

The letters *y*, *z* and *a* after the number indicate the examination in the Faculty of Economics, intermediate, pass, or honours respectively, for which the course is in preparation.

A.—ECONOMICS AND STATISTICS.

1 (*y*). **The Elements of Economics**, a course of thirty lectures by Professor CANNAN, on Fridays, at 12 noon, beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course Mr. DALTON will hold a class on alternate Fridays, at 2.30 p.m., beginning 3rd October.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. The scope of economics. The fundamental conditions of material welfare for man in isolation and man in society. Co-operation. The effects of variation in numbers of people. The dependence of economic organisation on various social institutions. Motives tending to the satisfaction of demand; control of production by demand. Power to demand given by income. Classification of incomes. Inequality of incomes. The relation between income and material welfare. The relative material welfare of "nations" and other groups of persons inhabiting different territories. Traditional discussion of causes of variation in wages, profits, and rents.

BOOKS RECOMMENDED.—E. Cannan, *Wealth*; A. Marshall, *Elements of Economics of Industry*; J. S. Nicholson, *Elements of Political Economy*; C. Gide, *Principes d'Economie Politique*; Fuchs, *Volkswirtschaftslehre*.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

The class for evening students taken by Mr. DALTON in connection with this course will meet on alternate Fridays, at 8.15 p.m., beginning 10th October.

2 (*a* and *z*). **Principles of Economics, including the History of Economic Theory**, a course of sixty lectures extending over two years, for second and third year students dealing in greater detail with the subjects set forth in the syllabus of course No. 1 by Professor CANNAN, on Tuesdays at 3 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. The thirty lectures falling in 1919-20 will deal principally with distribution.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

3 (*a*). **Economic Theory (Class)**. Professor CANNAN will hold a special class on Tuesdays, at 5 p.m., beginning 7th October, for students proceeding to the Final Examination for the degree of B.Sc. (Econ.). Admission to the class will be exclusively by permission of Professor CANNAN. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

4. **Economic Theory**. Seminar by Professor CANNAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

5. **First Principles of Economics**, a course of thirty lectures by Mr. DALTON, on Tuesdays, at 6 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. This is an elementary course in which no previous knowledge of economics is assumed. It is intended to serve as an introduction to more advanced and specialised courses, and deals with the ground work of simple economic theory, including existing forms of economic organisation.

BOOKS RECOMMENDED.—Cannan, *Wealth*; Clay, *Economics, an introduction for the general reader*; Withers, *The Meaning of Money*.

132. **Social Economics**, a course of thirty lectures by Professor URWICK and Miss CHRISTIE, on Tuesdays, at 12 noon, beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

For Syllabus see p. 65.

133. **The Application of Economic Principles to Social Questions**, a course of nine lectures by Professor URWICK and Miss CHRISTIE, on Mondays, at 11 a.m., in Summer Term, beginning 26th April. Fee, 12s. 6d.

For Syllabus see p. 65.

187. **General Economics, with special reference to Transport**, a course of ten lectures by Mr. STEPHENSON, on Fridays, at 4.30 p.m., in Michaelmas Term, beginning 3rd October. Fee, 12s. 6d.

For Syllabus see p. 82.

6. **Some Problems of Industry**, a course of thirty lectures by Mr. DALTON, on Fridays, at 5 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. M.T.—Unemployment and Trade Fluctuations. Causes and effects of Unemployment and Underemployment; the Problem of Casual Labour; Seasonal and Cyclical Fluctuations of Trade; Causes and Effects of Fluctuations; Methods of Reducing Fluctuations; other Methods of Reducing the amount of Unemployment; Methods of Reducing the Evil Effects of Unemployment.

BOOKS RECOMMENDED.—Beveridge, *Unemployment, a Problem of Industry*; Pigou, *Unemployment*; Robertson, *A Study of Industrial Fluctuation*; Webb, *Public Organisation of the Labour Market*; Webb and Freeman, *Seasonal Trades*; Pigou, *Wealth and Welfare, Part IV. : Report of Provisional Joint Committee of the Industrial Conference, 1919*.

L.T.—Some Tendencies in Modern Industry. The Tendency to increasing Monopoly and Combination; Types of Modern Combinations, their Causes and Effects; Possible State Action with Regard to Such Combination; Recent Growth of Employers' Associations and of Trade Unions; Whitley Councils and Trade Boards, their Actual Work up to the Present Time and Possible Future Developments; the tendency towards a shorter working day.

BOOKS RECOMMENDED.—*Report of Committee on Trusts, May, 1919*; McGregor, *Industrial Combination*; Cole, *Introduction to Trade Unionism*; *The Whitley Reports*; Leverhulme, *The Six Hour Day*.

S.T.—Some Theories of Reorganisation of Industry. Modified Forms of Private Industry; Private Industry under Increased State Regulation; Co-operative Production and Distribution; Collectivism; Syndicalism; Guild Socialism; Advantages and Disadvantages of each of these Theories; Possible Variations and Combinations of these Theories.

BOOKS RECOMMENDED.—*Evidence and Reports of the Coal Commission*; Fay, *Co-operation at Home and Abroad*; Davies, *The Collectivist State in the Making*; Cole, *Self-Government in Industry*; Orage, *Towards National Guilds*; Sidgwick, *Principles of Political Economy. Book III.*

7. Modern Developments in the Government of Industry, a course of six lectures by Professor SIDNEY WEBB, on Tuesdays, at 5 p.m., in Lent Term, beginning 20th January. Fee, 10s. 6d.

Syllabus. The changes produced or revealed by the war. The desire of the Wage-earners for "Self-determination"; The experience of "Co-operative production" and "Co-partnership"; the Achievements and Limitations of the Co-operative Movement; the possible developments of Trade Unionism and "Guild Socialism"; the Growth of State and Municipal Enterprise; Professional Association; the need for, and the possibility of, Stratification in Democracy.

TOOKE LECTURES.

8. Wage Systems: a detailed Examination, a course of ten lectures by Professor URWICK, on Wednesdays, at 5 p.m., in Lent Term, beginning 21st January. Fee, 12s. 6d.

11. Introduction to Statistics, a course of ten lectures by Professor BOWLEY, on Tuesdays, at 2.30 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

Syllabus. Methods of Statistical enquiry. Definition of Units. Classification. Tabulation. Use of Official Publications.

The treatment will be non-mathematical.

This course is specially intended for students in the Ratan Tata Department of Social Science and Administration, but is not confined to them.

A practical class, in which statistical material will be criticised and tabulated, will be held immediately after each lecture.

Fee for lectures and class, £1 1s.

12 (a and z). Methods and Applications of Statistics, a general elementary course of thirty lectures by Professor BOWLEY, on Tuesdays, at 12 noon, beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

M. and L.Ts. General elementary technique of statistics, treated **Syllabus.** with a view to the accurate interpretation of statistics now published currently in the United Kingdom. A broad treatment of the statistical history of population, production, trade, prices, wages and income in the United Kingdom since 1790.

S.T. Elementary Mathematical Statistics. Averages; measurement of deviation and of correlation. Method of Samples.

This course is suitable for students taking both parts of the statistical paper in the examination for the Pass degree in the Faculty of Economics and Political Science. Lectures 1—15 meet the needs of students taking the first part of the paper.

The whole of the lectures in the Michaelmas and Lent Terms form a suitable course for students working for Honours degrees.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 2nd October, for evening students.

13 (z). Logic and Scientific Method (senior course), a course of fifteen lectures by Dr. WOLF, on Thursdays, at 6 p.m., in Lent and Summer Terms, beginning L.T. 12th February, S.T. 29th April. Fee for the course, £1 1s.

These lectures are intended for B.Sc. (Econ.) Pass candidates who took Logic in the intermediate examination. They are the continuation of the course begun by Professor Bowley, No. 12 above, lectures 1—15.

Syllabus. Comparison of Economics with Physics and Biology. Relation of Economics to Psychology, Ethics, Politics and Sociology. The inductive methods and their application to Economic Investigation (*e.g.*, causes of fluctuation in market value and wages, of commercial crises, and of foreign exchanges). Functions of hypothesis in induction; its application and verification. Principles that should guide sociological nomenclature; definition of such ambiguous terms as institution, race, custom, law, religion, survival, state of society. Principles of sociological classification; the determination of sociological and psychological groups and types. Criticism of the use of analogy in sociology (*e.g.*, how far the biological concepts of organism and organisation apply in social phenomena). Applications of logical and statistical methods to sociological problems (*e.g.*, health, education, anthropometry, births, deaths).

BOOKS RECOMMENDED.—W. Bagehot, *Physics and Politics*; Paul Barth, *Die Philosophie der Geschichte als Sociologie*; A. L. Bowley, *The Measurement of Social Phenomena*; J. N. Keynes, *The Scope and Method of Political Economy*; A. Newsholme, *Vital Statistics*; Karl Pearson, *The Grammar of Science*; C. Sigwart, *Logic*; T. B. Strong (and others), *Lectures on the Method of Science*; E. L. Thorndike, *An Introduction to the Theory of Mental and Social Measurements*; A. Wolf, *The Philosophy of Probability*; W. Wundt, *Logik*.

14 (a). Methods and Applications of Statistics, a general advanced course of thirty lectures by Professor BOWLEY, on Thursdays, at 7 p.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

This course is in continuation of the elementary lectures, 1918-19, and deals with technical and mathematical statistics from a more advanced point of view.

BOOKS RECOMMENDED in connection with courses Nos. 12 and 14.—Bowley, *Elements of Statistics*; Bowley, *Elementary Manual of Statistics*; Newsholme, *Vital Statistics*; Elderton, *Primer of Statistics*; Block, *La Statistique*; Bertillon,

Cours Élémentaire de Statistique; Yule, *Introduction to the Theory of Statistics*; von Mayr, *Gesellschaftslehre*; Quetelet (1846), *Théorie des Probabilités*; Pearson, *Chance of Death and other Essays*; Thorndike, *Introduction to Theory of Mental and Social Measurements*, Columbia University; from vol. LI., 1886, articles by Edgeworth, Yule, Rew, Hooker, Wood, Bowley; also Jubilee Vol., 1885, *Journal of Statistical Society*; Booth, *Life and Labour of the People*; Ramsay Macdonald, *Women in the Printing Trades*; West Ham, *a Study in Social and Industrial Problems* (Dent and Co.); Cadbury and Shann, *Women's Work and Wages*; Bowley, *Division of the Products of Industry*; Leone Levi, *History of British Commerce*; Chiozza Money, *Riches and Poverty*; Stamp, *British Incomes and Property*; Rowntree, *Poverty—A Study of Town Life*; Ratan Tata Foundation, *Livelihood and Poverty*; *The Statistical Abstracts—for United Kingdom, Colonies, India, and Foreign Countries*; *Abstract of Labour Statistics*; *The 1st, 2nd and 3rd Series of Memoranda on British and Foreign Trade and Industrial Conditions* (Cd. 1761, 2337 and 4954); *Report of the Committee on the Census* (Cd. 6701 of 1890); *Report of the Committee on Income Tax* (Cd. 365 of 1906); *Reports of Wage Census of 1906, and of Census of Production of 1907*; *Cost of Living* (Cd. 3864 and 6955); *The Population Census of 1911*; *Committee on Cost of Living* (Cd. 8980).

15 (a). Current Statistical Questions, a course of ten lectures by Professor BOWLEY, on Mondays, at 7 p.m., in Lent Term, beginning 19th January. Fee, 12s. 6d.

In this course it is intended to study recent blue books and other official publications.

16 (a). Advanced Mathematics, a course of thirty lectures by Professor BOWLEY, on Mondays at 6 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

This course is suitable for advanced students of Statistics and Mathematical Economics. Knowledge of the subjects of the Intermediate Science (Econ.) syllabus is assumed.

Syllabus. Solid Geometry. Calculus. Probability.

17. Statistical Investigation. Seminar by Professor BOWLEY. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

PREPARATORY LECTURES,

leading up to the study either of Statistical Method or of Scientific Method generally.

18 (y). Mathematics Preparatory to Statistics, a general course by Professor BOWLEY, on Thursdays, from 11 a.m. to 1 p.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £2 12s. 6d.; Terminal Fee, £1 1s.

Syllabus. Algebra.—Indices, logarithms. Progressions. Binomial and exponential series. Solution of equations. Limits and approximations. Graphs of simple functions. Direction and the derived function. Maxima and minima.

Trigonometry.—Definitions. Ratios for all angles. Approximate values of sine and cosine.

Co-ordinate Geometry.—The straight line, circle, and standard equations of the parabola, ellipse, and hyperbola.

Geometry.—Similar figures. Orthogonal projection.

BOOKS RECOMMENDED.—Paterson, *School Algebra, Part II.*; Gibson, *Treatise on Graphs*; Loney, *Co-ordinate Geometry*; Lachlan and Fletcher, *Trigonometry*; Bowley, *General Course of Pure Mathematics*.

The above course will be repeated on Tuesdays, from 6 to 8 p.m., beginning 7th October, for evening students.

19 (y). Logic and Scientific Method, a general course of thirty lectures by Dr. WOLF, on Thursdays, at 11 a.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April.

In connection with this course the lecturer will hold a class on Thursdays, at 12 noon.

Fee, Sessional £2 12s. 6d.; Terminal £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. Logic and psychology. Analysis of Experience. Perception and Apperception. Memory. Imagination. Conception. Association of ideas, logical and non-logical. Spontaneous and logical concepts. Thought and language. Organisation of concepts in systems. Conflict of systems. Belief. Judgment. Universe of discourse. Inference, implicit and explicit. The influence of feeling and desire on thought. Deduction and induction. Postulates of thought.

Terms and their classification, extension, intension, and connotation. Predicables, definition, division, and classification. Import and classification of propositions. Opposition of propositions. Forms of immediate inference. Syllogism and other deductive inferences.

Ground of induction. Uniformity of nature. Causation. Observation and experiment. Inductive methods. Quantitative induction. Scientific explanations. Mathematical, Physical, and Historical Methods. Nature and functions of hypothesis. Analogy. Chance. Theory of probability and its logical foundations.

BOOKS RECOMMENDED.—J. S. Mill, *A System of Logic*; C. Read, *Logic, Deductive and Inductive*; A. Wolf, *Exercises in Logic*; J. Dewey, *How We Think*; W. B. Pillsbury, *The Psychology of Reasoning*; W. S. Jevons, *The Principles of Science*; J. N. Keynes, *The Scope and Method of Political Economy*; A. De Morgan, *An Essay on Probabilities*; J. Venn, *Empirical Logic*; A. Wolf, *Studies in Logic*.

The above course will be repeated on Tuesdays, at 6 p.m., beginning 7th October, for evening students.

The class for evening students in connection with this course will meet on Tuesdays, at 7 p.m.

20 (y). Logic and Scientific Method (Class). Dr. WOLF will hold a special class on Mondays, at 6 p.m., in Summer Term, beginning 26th April, for students proceeding to the Intermediate Examination in the Faculty of Economics and Political Science.

B.—POLITICS AND PUBLIC ADMINISTRATION.
INAUGURAL LECTURE.

25. The Public Service in War and in Peace, a lecture by Sir WILLIAM BEVERIDGE, K.C.B., Director of the School, on Wednesday, 1st October, at 5.30 p.m. Sir ARTHUR STEEL-MAITLAND, Bart., M.P., in the Chair. Open to the public without fee.

26 (a and z). The History of Political Ideas in connection with the History of Europe and the United States, a course of nineteen lectures by Mr. DICKINSON, on Tuesdays, at 7.15 p.m., in Lent and Summer Terms, beginning L.T. 20th January, S.T. 27th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. L.T.—Greece, Rome, and The Middle Ages. S.T.—The Modern Period.

BOOKS RECOMMENDED.—Pollock, *History of the Science of Politics*; Dunning, *History of Political Theories* (Vol. I., Ancient and Mediæval; Vol. II., From Luther to Montesquieu); Lane Poole, *Illustrations of Mediæval Thought*; Kirkup, *History of Socialism*; Plato's *Republic* (trans. by Davies and Vaughan: Golden Treasury Series); Aristotle's *Politics* (Welldon's translation); Dante, *De Monarchia* (trans. in Temple Classics); Machiavelli's *Prince* (trans. in Morley's Ancient Library); Hobbes, *Leviathan*; Locke's (Second) *Treatise on Civil Government*; Mill, *Essay on Liberty*, and *Considerations on Representative Government*; Wallas, *Human Nature in Politics*, and *The Great Society*.

27 (a). The Psychology of Modern Society, a course of twenty lectures by Professor GRAHAM WALLAS, on Thursdays, at 5 p.m., in Lent and Summer Terms, beginning L.T. 15th January, S.T. 29th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

28. Political Science. Seminar by Professor GRAHAM WALLAS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

29 (y). The British Constitution, a course of thirty lectures by Mr. LEES SMITH, on Fridays, at 11 a.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. An introduction to the study of the existing government of the United Kingdom and the British Empire, referring mainly to central government, dealing with the matter historically only so far as historical references are necessary to explain existing institutions. The lectures will be divided as follows:—

M.T.—Representative Government. The theory of the separation of powers. The Cabinet system. Parliament. The Civil Service. The passage of Bills. Party government. The Franchise.

L.T.—The House of Lords. Second Chambers. The Crown. The "rule of law" and the position of the Judiciary. The financial administration of the United Kingdom. Comparisons with foreign constitutions.

S.T.—The Colonial Office. Self-governing colonies. Crown colonies. Protectorates. Chartered companies. The relations between advanced and backward races. The constitutions of the various colonies. The government of India. The future relations between the colonies and the mother country.

BOOKS RECOMMENDED.—Mill, *Representative Government*; Bagehot, *The British Constitution*; Low, *Governance of England*; Lowell, *Government of England*; Dicey, *Law of the Constitution*; Anson, *Law and Custom of the Constitution*; Courtney, *Working Constitution of the United Kingdom*; Egerton, *Growth of British Colonial Policy*; Keith, *Responsible Government in the Dominions*. Other works will be indicated from time to time in the lectures.

The above course of lectures will be repeated at 7.15 p.m. on the same day for evening students.

30 (a). The Government Departments of the United Kingdom and their Official Staff, a course of ten lectures by Professor GRAHAM WALLAS, on Tuesdays, at 6 p.m., in Lent Term, beginning 20th January. Fee 12s. 6d.

Syllabus. The rise of the Government Departments, their new duties after the Industrial Revolution, the growth of a fairly logical scheme of distribution of work among them, and the slow differentiation between political and permanent officials. Royal influence and parliamentary corruption. Bentham's proposals. Attempts at reform before 1855. The Indian scheme. The Civil Service Commission (1855). Open competition (1870). The Playfair, Ridley and MacDonnell Commissions. The relation in the civilised world between democracy and expert administration.

31. The Central Government of the United Kingdom, a course of thirty lectures by Mr. LEES SMITH, in the session, 1920-21.

32 (a). Problems of Central Government, a course of twenty lectures by Mr. LEES SMITH, on Thursdays, at 3.30 p.m., in Michaelmas and Lent Terms, beginning M.T. 9th October, L.T. 15th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. A supplement to the course on Central Government No. 31 which is delivered in alternate years and is devoted mainly to a description of machinery. This course deals with the chief issues of policy.

33. The Future of Parliamentary Institutions, a course of five lectures by Mr. LEES SMITH, on Fridays, at 5 p.m., in Summer Term, beginning 30th April. Fee, 7s. 6d.

Syllabus. A number of important questions will be discussed which arise during lectures on the British Constitution, but which are more appropriately dealt with in a separate course of lectures.

34. Mandatory States (The League of Nations), a course of three lectures by Professor MORGAN, on Wednesdays, at 6 p.m., in Lent Term, beginning 28th January. Fee, 5s.

London teachers, who will have precedence should it be necessary to limit the class, may obtain admission through the Education Officer, L.C.C. Education Department, Victoria Embankment, W.C. 2, to whom they should apply for particulars of special terms.

35 (a). Federal Government, a course of six lectures by Professor MORGAN, on Fridays, at 5 p.m., in Summer Term, beginning 30th April. Fee, 10s. 6d.

Syllabus. This course will deal principally with the Constitution of the United States, but reference will also be made to the constitutions of the German Empire, the Swiss Confederation, and the Australian Commonwealth. It is primarily intended for students of political science and comparative constitutional law.

I. The Theory of Federal Government—*Staatenbund* and *Bundestaat*, Federal Citizenship and State Citizenship. II. The Origins of Federal Government. The Articles of Confederation. The Old Colonial System and the Convention Debates. The views of Madison and Hamilton. III. The Development of the Federal Constitution by judicial interpretation—the work of Marshall. IV. The Development of the Constitution by Amendment and the Interpretations of the Amendments. The First Ten Amendments and the Fourteenth Amendment; their bearing on the doctrine of a Federal citizenship. The Rights of Citizens and the Police Power. V. Inter-state relations. The Inter-state Commerce Commission. The Sherman Act. Doctrines as to combination in restraint of trade. Federal taxation. VI. The organisation of the Federal System—the President, the Senate, the House of Representatives, the Supreme Court, and the distribution of legislative power. VII. The State Constitutions. Limitations upon them. The Amendment of State Constitutions. The Convention, the Initiative, the Referendum, and the Recall.

The lecturer will advise as to authorities, but the following books are recommended to those who wish to study the subject beforehand—Story, *Commentaries on the Constitution of the United States*; Bryce, *The American Commonwealth*; Cooley, *Constitutional Limitations*; Landon, *The Constitutional History and Government of the United States*; Hamilton, *The Federalist*; Thayer, *Leading Cases in American Constitutional Law*; Woodrow Wilson, *Congressional Government*; Dealey, *American State Constitutions*; Beard, *Documents on the Initiative, Referendum and Recall*; Beard, *The Economic Interpretation of the Constitution*; Ostrogorski, *Democracy and the Party System in U.S.*; Laband, *Deutsches Staatsrecht*; Harrison Moore, *The Australian Commonwealth*.

36 (a). The British Empire, a course of eight lectures by Professor GRAHAM WALLAS, on Tuesdays, at 5 p.m., in Summer Term, beginning 27th April. Fee, 12s. 6d.

Syllabus. The course will treat of the development and present tendencies of the governments of (a) the Dominions, (b) India, (c) the Crown Colonies and Protectorates.

37 (a). Public Administration, with reference to the Central and Local Government of Great Britain (Class). Mr. LEES SMITH will hold a special class on Fridays, at 12.15 p.m., beginning 3rd October, for students proceeding to the Final Examination for the degree of B.Sc. (Econ.) and other advanced students. Admission to the class will be exclusively by permission of Mr. LEES SMITH. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

38. Public Administration. Seminar by Mr. LEES SMITH. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

39. Professor SIDNEY WEBB will also meet research students from time to time by arrangement.

40 (y). The Local Government of England, a course of eleven lectures by Mr. LEES SMITH, on Wednesdays, at 12 noon, in Michaelmas Term, beginning 8th October. Fee, 12s. 6d.

This course is intended as an introductory sketch of English local government at the present day.

Syllabus. The sphere of local government. The constitution, powers, and duties of the various local authorities. The relations between the local and central authorities. The central departments.

BOOKS RECOMMENDED.—Odgers, *Local Government*; Ashley, *English Local Government*; Redlich and Hirst, *Local Government in England*; Craik, *The State in its Relation to Education*.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 2nd October, for evening students.

41 (a and z). Public Administration, with special reference to the Local Government of Great Britain, a course of thirty lectures by Professor GRAHAM WALLAS, on Wednesdays, at 12 noon, beginning M.T. 8th October, L.T. 21st January, S.T. 28th April.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Thursdays, at 2.30 p.m., beginning 9th October.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. The course will begin with a description of the development of the chief Local Government authorities, with special reference to the parishes, counties, boroughs, and urban and rural districts. It will then deal with the chief functions of local government, and especially poor law, public health, education, police and justice, and the means of transit. The rapid changes in the social organisation of industrial countries due to mechanical inventions will then be considered, especially the extension of areas, the intensification of functions, the rise of the expert official, financial pressure, and the problem of co-ordinating the duties and powers of the various authorities and their relation to the central government. An attempt will be made to estimate, in the light of contemporary municipal development in other countries, the lines on which British Local Government may be expected to proceed in the future.

BOOKS RECOMMENDED.—Anson, *Law and Custom of the Constitution*; Ashley, *Local and Central Government*; Odgers, *Local Government*; Redlich and Hirst, *Local Government in England*; Hobhouse and Wright, *Local Government and Local Taxation* (2nd Edition); Fowle, *The Poor Law*; Craik, *The State in its Relation to Education*; Simon, *English Sanitary Institutions*. Other works will be suggested during the lectures.

The above course of lectures will be given also on Thursdays, at 7.15 p.m., beginning 2nd October, for evening students.

The class for evening students taken by Mr. GRIMSHAW in connection with this course will meet on alternate Thursdays, at 8.15 p.m., beginning 9th October.

42 (a). Social and Constitutional Developments arising out of the War, a course of twenty lectures by Mr. LEES SMITH, on Fridays, at 5 p.m., in Michaelmas and Lent Terms, beginning M.T. 10th October, L.T. 16th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. Examination of the effect of the war upon the constitutional and social structure of Great Britain.

43 (a). Tariffs and Tariff Administration, a course of ten lectures by Mr. GREGORY, on Tuesdays, at 6 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

Syllabus. The object of the course will be to deal with tariffs as an instrument of commercial policy, without reference to the validity of such use. The lectures will be grouped round the following points. (1) The making of tariffs. (2) The form and content of the tariff. (3) Tariff Administration. (4) Commercial treaties in relation to tariffs. References to available literature will be given at each stage of the discussion.

BOOKS RECOMMENDED.—J. H. Higginson, *Tariffs at Work*; Fisk, *International Commercial Policies*; Grunzel, *Economic Protectionism and System der Handelspolitik*; Pallain, *Les Douanes Françaises*; *Customs Regulations of the U.S.*; *Colonial Import Duties and Foreign Import Duties*, published by the British Board of Trade (Cd. 7180) and (Cd. 8094); Kelly's, *Customs Tariffs of the World*.

44 (z). Public Finance, a course of eleven lectures by Mr. DALTON, on Wednesdays, at 10.30 a.m., in Michaelmas Term, beginning 8th October. Fee, 12s. 6d.

Syllabus. Illustrations of general principles regarding public expenditure, revenue, and debts found in the practice of the United Kingdom and other countries.

The above course of lectures will be given also on Tuesdays, at 7.15 p.m., beginning 7th October, for evening students.

C.—HISTORY.

The Department of Palæography and Diplomatic has been transferred to King's College. Students of the London School of Economics and Political Science continuing their work under Mr. Hall will do so at King's College under the inter-collegiate system.

50 (y). World History, with special reference to the 19th century, a course of thirty lectures by Professor HEARNSHAW, Professor TOYNBEE and Mr. GREEN, on Fridays, at 11 a.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

(a). GENERAL INTRODUCTORY SKETCH, one lecture by Professor HEARNSHAW.

(b). ANCIENT HISTORY, six lectures by Professor TOYNBEE, beginning 10th October. Fee, 10s. 6d.

Syllabus. Early Politics. Greek Civilisation. Expansion of Greece. Rome and its Conquests. The Roman Empire. The Dark Age.

(c). MEDIÆVAL HISTORY, four lectures by Professor HEARNSHAW, beginning 21st November. Fee, 7s. 6d.

Syllabus. Feudalism. The Papal Monarchy. Mediæval Civilisation. The Break-up of Christendom.

(d). EARLY MODERN, ten lectures by Mr. GREEN, beginning 16th January. Fee, 12s. 6d.

Syllabus. The Renaissance. The Reformation. The Rise and Fall of Spain. The Rise and Fall of the United Netherlands. The Rise and Fall of Sweden. The Ascendancy of France. Europe Overseas. The Rise of Prussia and Russia. The United States of America. The Ottoman Empire.

(e). THE 19TH CENTURY AND AFTER, nine lectures by Professor HEARNSHAW, beginning 30th April. Fee, 12s. 6d.

Syllabus. The French Revolution. The Great Wars. The Era of the Congresses. National Revolts. Democratic Advance. The Making of Italy and Germany. Expansion of Europe. Unification of the World. The Present Situation and the Outlook.

BOOKS RECOMMENDED. Text Books.—Oscar Browning, *A General History of the World*; J. L. Myres, *The Dawn of History*; D. G. Hogarth, *The Ancient East*; A. J. Grant, *A History of Europe*; H. Webster, *Early European History*; A. J. Grant, *A History of Europe*, Part III.; R. L. Ashley, *Early European Civilisation*; R. Muir, *New School Atlas of Modern History, or New Historical Atlas for Students. Books of Reference.* 1. General.—*Historians' History of the World*, 30 Vols.; *Encyclopædia Britannica*, 28 Vols. 2.—Ancient: J. B. Bury, *History of Greece*; Ferrero and Barbugallo, *Short History of Rome*; H. S. Jones, *The Roman Empire*. 3.—Mediæval: C. W. P. Orton, *Outlines of Mediæval History*; G. B. Adams, *Civilisation during the Middle Ages*. 4.—Early Modern: C. J. H. Hayes, *Political and Social History of Modern Europe*, Vol. i.; J. Oliphant, *Short History of Modern Europe*; *The Cambridge Modern History*, Vols. i.-vi. 5.—Nineteenth Century and After: C. J. H. Hayes, *Political and Social History of Modern Europe*, Vol. ii.; F. J. C. Hearnshaw, *Main Currents of European History*; *The Cambridge Modern History*, Vols. vii.-x.

The above course of lectures will be repeated at 7.15 p.m. on the same day for evening students.

51 (z). The Economic Position of the Great Powers, a course of thirty lectures by Dr. KNOWLES, on Tuesdays, at 10.45 a.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

Syllabus. This course will deal with the commercial, industrial and agricultural development of Germany, France, Russia and the United States after 1789. The economic after-effects of the French Revolution leading to changes in the status of persons, freedom of movement, and free choice of occupation will be traced. The continental predominance of France up to 1870 in economic matters, the evolution of Germany from a tariff mosaic through the Customs Union into a united Empire and an industrial State of the first rank, the economic transformation of Russia from a mediæval to a modern State, the development of the United States from an agricultural disunited country into a united industrial empire whose wheat exports vitally affected the agricultural development and policy of Europe, will be the main subjects of the lectures. Reference will also be made to the railway and shipping policies and tariff changes of the four great powers, while stress will be laid on the varying labour problems of each country and the attempts to deal with them. The English developments of machinery, coal and iron and mechanical transport will only be included in so far as they affect the four other countries in question. They are treated fully as regards England herself in courses 56 and 143.

M.T. (1).—The rearrangement of European economic relations after the French wars. The economic development of France during the 19th century.

L.T. (2).—The economic development of Germany and Russia.

S.T. (3).—The economic development of the United States.

BOOKS RECOMMENDED.—GENERAL: Schmoller, *Grundriss*, Vol. II., Book IV. Percy Ashley, *Modern Tariff History*; *Cambridge Modern History*, Vol. X., Chapter Economic Change; *Report of the Labour Commission, 1893-4*, Vol. on Foreign Countries; Friedrich List, *National System of Political Economy*, translated; *Consular Reports: Miscellaneous and Annual*.

SPECIAL.—FRANCE, Levasseur, *Histoire des classes ouvrières en France depuis 1789*; Amé, *Etudes sur les tarifs de douane et sur les traités de commerce*; Meredith, *Protection in France*; Franke, *Der Ausbau des heutigen Schutzzollsystems in Frankreich*; Bajkic, *Die französische Handelspolitik 1892-1902*; Imbart de la Tour; *La crise agricole en France et à l'étranger*.

GERMANY.—Sombart, *Deutsche Volkswirtschaft im 19ten Jahrhundert*; Schmoller, *Zur Geschichte der Kleingewerbe im 19ten Jahrhundert*; Goltz, *Geschichte der deutschen Landwirtschaft*; Knapp, *Die Bauernbefreiung*; Weber, *Der Deutsche Zollverein*; Lotz, *Die Ideen der deutschen Handelspolitik vom 1860-1891*; *Ib.*, *Handelspolitik des deutschen Reiches unter Graf Caprivi und Fürst Hohenlohe*; *Ib.*, *Verkehrsentwicklung in Deutschland*; Dawson, *Protection in Germany*; *Ib.*, *Evolution of Modern Germany*; W. J. Ashley, *Progress of the German Working Classes*; *Consular Report on the Commercial, Industrial, Maritime and Traffic Interests in Germany, 1871-98*, No. 490, 1899.

UNITED STATES.—*Cambridge Modern History*, Vol. VII., chapter 22; *The Economic Development of the United States*; Oliver, *Alexander Hamilton*; Rabbeno, *American Commercial Policy*; Taussig, *Tariff History of the United States*; Hammond, *The Cotton Industry*; Sering, *Die landwirtschaftliche Konkurrenz Amerikas*; Levy, *Die Stahlindustrie der Vereinigten Staaten von Amerika*; Coman, *The Industrial History of the United States*; v. Halle, *Baumwollproduktion und Pflanzungswirtschaft in den Nord Amerikanischen Süd-Staaten*; *The United States Census: The United States Industrial Commission*; Jenks and Lanck, *The Immigration Problem*. Also articles in *Journal of Economics and Political Science Quarterly*.

RUSSIA.—Wittschewsky, *Russlands Handels-Zoll- und Industriepolitik*; Wallace, *Russia*; Drage, *Russian Affairs*; Golovin, *Finanzwirtschaft Russlands*; Schulze Gaevernitz, *Volkswirtschaftliche Studien aus Russland*.

The above course of lectures will be repeated on Wednesdays, at 6 p.m., beginning 8th October, for evening students.

52 (z). The Political Position of the Great Powers, including the United States, a course of thirty lectures in the session 1920-21.

143 (a and z). The Commerce and Commercial Problems of the Great Powers, a course of thirty lectures by Mr. GREGORY, on Thursdays, at 12 noon, repeated on Wednesdays, at 7.15 p.m.

For particulars, see p. 68.

53. South America: its Economic Past and Future, a course of ten lectures by Mr. JANE, on Tuesdays, at 8 p.m., in Michaelmas Term, beginning 14th October. Fee, 12s. 6d.

Syllabus. This course will deal with the general economic history of South America from its discovery to the present day. The subject falls naturally into two periods, divided by the War of Independence. i. The Colonial Period. Factors which have determined the economic development of South America: (a) physical geography; (b) circumstances of its conquest. Economic condition of South America at the time of its discovery. Peruvian civilisation. Character of the European conquest: its economic effect; (a) the European population; (b) the natives; (c) slavery; (d) mixture of blood. Principles and effects of the Spanish Colonial system: (a) protective policy; (b) the mines; (c) agriculture; (d) industry. The Jesuits in Paraguay. Brazil. Attacks on the Spanish monopoly; the contrabandists. General results of the colonial period. ii. The Period of Independence. Economic causes of the resistance to Spain; the last days of the colonial system. Immediate results of the War of Independence; freedom of trade; abolition of slavery. Economic development of the republics in general. (a) Political disturbance; revolutions; War of Paraguay: the Pacific War. (b) Financial disorder; the Baring crisis. (c) Colonisation; Brazil; Chile; Argentina. Economic development of the republics in detail; Colombia; Venezuela; Ecuador; Peru; Chile; Argentina; Uruguay; Paraguay. The economic history of Brazil. Present economic condition of South America; its resources; potentialities of development; obstacles to development.

BOOKS RECOMMENDED.—*Cambridge Modern History*; Lavissee et Rambaud, *Histoire Generale*; *South American Series* (various authors), published by T. Fisher Unwin; Pitman's *South American Handbooks* (various authors); W. H. Koebel, *South America*; Akers, *History of South America*; Urien y Colombo, *La Republica Argentina*; Moses, *Spanish Dependence in South America*; Petrie, *The Republic of Colombia*; Deberle, *Histoire de l'Amerique du Sud*.

54. The Partition of Africa, a course of ten lectures by Miss GRAVES, on Thursdays, at 6 p.m., in Lent Term, beginning 15th January. Fee, 12s. 6d.

Syllabus. Early colonial effort in Africa. The rise and decline of the Dutch African Empire. The Portuguese in Africa. International treaty arrangements. The French in Africa. The Congress of Berlin and Tunis. France and the Dual Control in Egypt; the French withdrawal. The foundation of French Equatorial Africa. Germany and Morocco; the Algeiras Conference. The Agadir incident. British African policy. The foundation of the Orange Free State and the Transvaal. Germany's dream of a Dutch-African Confederation. The Boer War and the grant of responsible government. The Union. Great Britain in East Africa. German aggression and the Anglo-German Agreement of 1890. Leopold, King of the Belgians, and the foundation of the Congo Free State. Boundary arrangements. The right of sovereignty over the Congo Free State assumed by Belgium. Bismarck and the German Colonial Society. The foundation of German South-West Africa. The Herero rising. Germany in West and East Africa; the conception of Mittel-Afrika. United Italy as a Colonial

Power. Annexation of Tripoli and Cyrenaica. European intervention in Abyssinia. Liberia and its connection with the United States of America. The Spanish in Africa. The Rif country. The internationalisation of Tangier. The idea of international co-operation in Africa and its expression in the General Acts of the Berlin and Brussels Conferences. German immigration and its bearing on the German treatment of natives. The partition of German Africa. Mandate and sovereignty; a suggested origin of the causes of dissimilarity between the British and French traditions of Empire. The League of Nations and its part in the future of Africa.

55 (y). Economic History: The Growth of English Industry, with special reference to the period after 1760, a course of thirty lectures by Dr. KNOWLES, on Wednesdays, at 10.45 a.m., beginning M.T. 8th October, L.T. 21st January, S.T. 28th April.

These lectures will be throughout of an elementary character.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee, for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Fridays, at 2.30 p.m., beginning 10th October when Dr. KNOWLES will address the class.

Syllabus. This course will include a sketch of the development of England up to 1760, the revolution in the iron trade, in internal communication, in the textile industries and in agriculture, the effect of the great wars on English trade and finance, the development of the Factory Acts, Truck Acts, and Employers' Liability and Workmen's Compensation Acts, the growth of trade unions, the changes in the Poor Law, and the legislation with regard to the tariff changes in the nineteenth century.

BOOKS RECOMMENDED.—W. J. Ashley, *The Economic Organisation of England*; W. Cunningham and McArthur, *Outlines of English Industrial History*; Cheyney, *An Introduction to the Industrial and Social History of England*; Cunningham, *Growth of English History and Commerce*, Vols. II. and III.; Dicey, *Law and Opinion in England*; Hutchins and Harrison, *A History of Factory Legislation*; Hutchins, *The Public Health Movement*; Mantoux, *La Révolution Industrielle*; Prothero, *English Farming Past and Present*; Webb, *History of Trade Unionism*; *Ib.*, *Industrial Democracy*; Armitage-Smith, *The Free Trade Movement*; Cunningham, *Rise and Decline of the Free Trade Movement*; Nicholson, *The History of the Corn Laws*; W. J. Ashley, *The Tariff Problem*; Bowley, *A Short Account of England's Foreign Trade in the XIXth Century*; *Ib.*, *Wages in the United Kingdom in the XIXth Century*; Hutchins, *The Public Health Agitation, 1833-48*; *Reports of the Poor Law Commissions, 1834 and 1909*, and other pertinent blue-books.

The above course of lectures will be given also on Thursdays, at 7.15 p.m., beginning 2nd October, for evening students.

The class for evening students taken by Mr. GRIMSHAW in connection with this course will meet on alternate Thursdays, at 8.15 p.m., beginning 2nd October when Dr. KNOWLES will address the class.

56 (a and z). The Growth of English Commerce and Colonisation, with special reference to the period after 1846, a course of thirty lectures by Dr. KNOWLES, on Thursdays, at 10.30 a.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. This course will include a short sketch of English commercial policy and colonisation up to the beginning of the nineteenth century, the reaction from the old mercantile system, the tariff changes, the repeal of the Navigation Acts, the revolution wrought by the changes in transport as regards England's commercial position, the attempt to control the railways and railway rates, the problem of the canals, the causes of England's commercial and industrial supremacy up to 1870, and the depression which followed, the more recent developments in English economic policy and trade, such as the Merchandise Marks Acts and the Sugar Bounties question, the changes during the 'free trade' era in shipping and shipping policy, the revolution in agriculture, the developments in the textile, iron, and coal trades, the policy pursued with regard to Ireland, the period of *laissez-faire* and the colonies, the development of a new Empire, the abolition of slavery, the transplantation of the coolie, the emigration of the white man, the Chartered Companies and colonisation, the reaction of the self-governing colonies on English economic policy, the abolition and partial reconstruction of the inter-imperial preference system, and the rearrangement of the commercial relations between Great Britain and the self-governing dominions beyond the seas.

BOOKS RECOMMENDED.—Fuchs, *The Trade Policy of Great Britain and Her Colonies since 1860*; Buxton, *Finance and Politics*; *Ib.*, *Mr. Gladstone as Chancellor of the Exchequer*; B. Mallet, *British Budgets, 1887-1913*; Rathgen, *Die englische Handelspolitik am Ende des 19ten Jahrhunderts*; Schulze-Gaevernitz, *Britischer Imperialismus*; Lindsay, *History of Merchant Shipping*; W. J. Ashley, Editor, *British Industries*; Nicholson, *History of the English Corn Laws*; *Ib.*, *Rents, Wages and Profits in Agriculture*; *Ib.*, *Rents and Taxes as Affecting Agriculture*; Bedford, Duke of, *Story of a Great Agricultural Estate*; Levy, *Large and Small Farms*; Bonn, *Englische Kolonisation in Irland*; *Ib.*, *Modern Ireland and her Agrarian Problem*; Acworth, *Elements of Railway Economics*; Ross, *British Railways*; Layton, *Introduction to the Study of Prices*; Chapman, *The Cotton Industry and Trade*; Clapham, *The Woollen and Worsted Industries*; Giffen, *Economic Enquiries and Studies*; Ireland, *Tropical Colonisation*; Carton de Wiart, *Les Grandes Compagnies Coloniales Anglaises du XIXe siècle*; Rathgen, *Die englische Auswanderung und Auswanderungspolitik im 19ten Jahrhundert*; S. C. Johnson, *Emigration to British North America*; Fay, *Co-operation at Home and Abroad*; Macrosty, *The Trust Movement in Great Britain*; Drage, *Imperial Organisation of Trade*.

The attention of the student will be directed from time to time to the indispensable Reports of Commissions, such as the report on the Depression in Trade, 1886; the reports on the Depression in Agriculture; the report on Shipping Subsidies, 1902; on Shipping Rings, 1909; on the decline in the Agricultural Population; on the Colonial Conferences, etc. The exceedingly valuable articles contained in the *Journal of the Royal Statistical Society*, the *Economic Journal*, the *Quarterly Journal of Economics*, *Schmoller's Jahrbuch*, and the *Journal of the Royal Colonial Institute* will also be mentioned.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

57 (a). Economic History: English Economic Development between 1485 and 1760, a course of thirty lectures by Dr. KNOWLES, in the session 1920-21.

58. Economic History. Seminar by Dr. KNOWLES. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

D.—LAW.

Particulars of lectures on Railway Law are given on p. 82.

INAUGURAL LECTURE.

61. British Prize Courts and Prize Law during the Great War, a lecture by Professor PEARCE HIGGINS, on Wednesday, 8th October, at 5 p.m. The Right Hon. the Lord Chancellor in the Chair. Open to the public without fee.

62 and 63 (z). Commercial Law, a course of sixty lectures by Mr. LE QUESNE and Mr. PAGE, on Mondays and Fridays, at 6.30 p.m.

62 (z). Commercial Law.—Part I.—Thirty lectures on Fridays, at 6.30 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with these lectures a class will be held at 7.30 p.m.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

(a) GENERAL PRINCIPLES OF THE LAW OF CONTRACTS, eleven lectures, beginning 3rd October. Fee, £1 1s.; for lectures only, 12s. 6d.

(b) NEGOTIABLE INSTRUMENTS, five lectures, beginning 16th January. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(c) BANKING AND GUARANTEE, five lectures, beginning 20th February. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(d) SALE OF GOODS, five lectures, beginning 30th April. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(e) AGENCY, four lectures, beginning 4th June. Fee, 12s. 6d.; for lectures only, 7s. 6d.

BOOKS RECOMMENDED.—Anson, *Contracts*; Pollock, *Contracts*; Chalmers, *Bills of Exchange*; Paget, *Banking*; Chalmers, *Sale of Goods Act*; Bowstead, *Agency*.

63 (z). Commercial Law.—Part II.—Thirty lectures on Mondays, at 6.30 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with these lectures a class will be held at 7.30 p.m.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

(f) BANKRUPTCY, eleven lectures, by Mr. PAGE, beginning 6th October. Fee, £1 1s.; for lectures only, 12s. 6d.

(g) CARRIAGE BY LAND AND SEA, five lectures by Mr. LE QUESNE, beginning 19th January. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(h) MARINE INSURANCE, five lectures, by Mr. LE QUESNE, beginning 23rd February. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(j) COMPANY LAW, five lectures by Mr. LE QUESNE, beginning 26th April. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(k) THE LAW OF PARTNERSHIP, four lectures by Mr. LE QUESNE, beginning 7th June. Fee, 12s. 6d.; for lectures only, 7s. 6d.

BOOKS RECOMMENDED.—Chalmers and Hough or Williams, *Bankruptcy*; Carver, *Carriage by Sea*; Scrutton, *Charter Parties*; Arnould, *Marine Insurance*; Gow, *Marine Insurance*; Buckley, *The Companies Act*; Palmer, *Company Law*; Pollock, *Partnership*. As a general text book, Smith, *Mercantile Law*, and Stevens, *Mercantile Law*, may be used.

64 (z). Industrial Law, a course of ten lectures in the session 1920-21.

65. Commercial and Industrial Law. Seminar by Mr. LE QUESNE. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

66 and 68 (a and z). Constitutional Law and its History, a course of sixty lectures by Professor MORGAN, on Mondays and Fridays, at 6.15 p.m.

66 (a and z). Constitutional Law and its History.—Part I. Thirty lectures on Mondays, at 6.15 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with these lectures a class will be held at 7.15 p.m.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

M.T.—Nature of Constitutional Law. The Royal Prerogative.
Syllabus. The Councils of the Crown.

L.T.—The Officers of the Crown. Parliament. The Judicial System. Constitution and Historical Development.

S.T.—The Subject. The Colonies and Colonial Constitutional Law.

67. Constitutional Law (Class).—Professor MORGAN will hold a special class in Summer Term, for students in the Faculty of Laws for the discussion of cases and statutes and the interpretation of mediæval documents.

68 (a and z). Constitutional Law and its History.—Part II. Thirty lectures on Fridays, at 6.15 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with these lectures a class will be held at 7.15 p.m.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. This second year course is designed to serve as an advanced course of study in constitutional law. It will deal mainly with the inter-action of central and local government and the legal relations of the courts and the Executive. Among the subjects treated are the following: I. The ministerial and judicial functions of Justices of the Peace at Petty Sessions, Quarter Sessions, Licensing Meetings, and in the Standing Joint Committee. II. The organisation and legal powers and duties of Parish Councils, Rural and Urban District Councils, Boards of Guardians, Town Councils, and County Councils. III. The Local Government Franchise. IV. The law of rating, the classification of rates, and the duties and powers of overseers, Assessment Committees and Justices. V. The relations between Central and Local Finance, including Grants-in-aid and Assigned Revenues. VI. The Police and their legal duties, including the law of Arrest. VII. The legal liability of local authorities and the effect of Central Control upon the degree of liability, including a discussion of the effect of Statutes imposing duties and conferring powers, the scope of the writs of *certiorari* and *mandamus*, and of Injunctions, the Public Authorities Protection Act, etc. VIII. Subordinate legislation. Departmental rules and orders and bye-laws and their control by the courts. Provisional Orders and Private Bills. IX. The organisation of the Central Government—powers of the Departments as administrative tribunals, rule-making authorities, and auditors, and the degree to which they are subject to judicial control. X. The Compulsory Purchase of Land by Public Authorities—the provisions of the Land Clauses Acts and the law as to the assessment of compensation.

The course will also deal specifically with the following subjects of public administration and the law (statutes and cases) relating thereto: Public Health, Housing, Small Holdings, Poor Law, National Insurance, Old Age Pensions, Factory Acts, Trades Boards Act, Labour Exchanges Act, Education, Licensing, Highways.

BOOKS RECOMMENDED.—Dicey, *The Law of the Constitution*; Anson, *Law and Custom of the Constitution*; Lowell, *Government of England*; Broom, *Constitutional Law*; Maitland, *Constitutional History*; Redlich, *The Procedure of the House of Commons*; Ilbert, *Legislative Methods and Forms*; Ilbert, *Government of India*; Robertson, *Proceedings against the Crown*; Tarring, *Law relating to the Colonies*; Hirst and Redlich, *Local Government: The Encyclopædia of Local Government Law*; *The Law Quarterly Review* (*passim*); Wright and Hobhouse, *English Local Government*; Craies, *Statute Law*; "Select Documents" (Stubbs, Gardiner, Prothero, Robertson); Holdsworth, *History of English Law*; Westlake, *International Law*; Jenkyns, *British Rule and Jurisdiction beyond the Seas*; Hall, *Foreign Jurisdiction of the Crown*; Pollock and Maitland, *History of English Law*; The Selden Society publications; The Law Reports, etc.; Reports of Select Committees of the House of Commons; Thomas, *Leading Cases in Constitutional Law*; Blake Odgers, *Outlines of the Law of Libel*; Pollock, *The Expansion of the Common Law*; Harrison Moore, *Act of State in English Law*; Burge, *Foreign and Colonial Law*; McKechnie, *Magna Carta*.

Advanced students who are interested in comparative constitutional law are invited to consult the lecturer as to the choice of French and German authorities. Professor MORGAN will be glad to see students desiring to consult him, at the School, on Fridays between 5.30 and 6 p.m. during term, by appointment.

69. The Constitutional Law of the British Colonies, a course of twenty lectures by Professor MORGAN, on Thursdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 9th October, L.T. 15th January. Fee for the course, £2 2s.

Syllabus. I. The early Constitutions. Blackstone's classification. Constitutional validity of the early prerogative orders. The American Charters and the Concession theory. Influence of early Constitutions on the State and Federal Constitutions of the United States. The incorporated colony of the 17th century—contrast with 19th century doctrines. The prerogative in the colonies. Historical survey of the sources of Colonial law. Extent to which the common law is received. The prerogative in settled and in conquered colonies. State succession. Discussion of leading cases. Extent to which the law and custom of Parliament may prevail in settled colonies with responsible government. Prevalence of Imperial statute law. The Colonial Laws Validity Act. II. Position of a colony in international law. Effect of the rule of ex-territoriality. Conflict of laws within the Empire. Naturalisation and immigration. The commercial and maritime position of the colonies. Foreign jurisdiction. The treaty-making power. III. The executive—the Governor. Liability of Governors. Constitutional position of Governor. Instruments governing his authority. IV. Comparative treatment of Constitutions (1) of Crown Colonies; (2) of colonies possessing responsible government—extent to which conventions of English Constitution are observed. The control of the Imperial Government. V. History of the Privy Council and its committees. The organisation of the Colonial Office. The appellate jurisdiction of the Judicial committee—recent restrictions upon it, rules governing its exercise. VI. Federal and Unitary Government in the colonies. Comparative study of the Constitutions of Australia, Canada and South Africa. Leading cases from the reports of the Judicial Committee, the High Court of Australia, and the Supreme Court of Canada. Comparisons with the doctrines of the Supreme Court of the United States. Doctrines of the Courts as to distribution of powers, the prerogative, and citizenship.

BOOKS RECOMMENDED.—Burge, *Foreign and Colonial Law*; Tarring, *Law relating to the Colonies*; Keith, *Responsible Government in the Dominions*; Todd, *Parliamentary Government in the Colonies*; Jenkyns, *British Rule and Jurisdiction beyond the Seas*; Ilbert, *The Government of India*; Macdonald, *Select Charters*; *Acts of the Privy Council*; Egerton and Grant, *Constitutional Government in Canada*; Harrison Moore, *The Commonwealth of Australia*; Quick and Garran, *The Annotated Constitution of the Australian Commonwealth*; Hamilton, *The Federalist*; Story, *Commentaries*; Lefroy, *The Legislative Power in Canada*; Munro, *The Constitution of Canada*; *The Union of South Africa Act*; Lucas, *Historical Geography of the Colonies*; Egerton, *Colonial Policy*; *The English and Colonial Law Reports*.

These lectures will be given at University College. Students paying the Composition Fee at the London School of Economics and Political Science may attend them without further payment. Tickets of admission are necessary, and may be obtained in the Secretary's office.

70. Constitutional Law and its History. Seminar by Professor MORGAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

71 (a and z). International Law (War and Neutrality), a course of thirty lectures by Professor PEARCE HIGGINS, on Mondays, at 3.30 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with this course Professor PEARCE HIGGINS will hold a class on Mondays at 4.30 p.m.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. M.T.—The Law of Nations Concerning War.—I. Introduction. Settlement of State Differences without War.—Negotiation. Good Offices. Mediation. Arbitration. The League of Nations Tribunal. Retorsion. Reprisals. Pacific blockade. Intervention. II. War.—Characteristics of War. Causes, kinds, and ends of war. So-called laws of war. Region of war. The belligerents. The armed forces of the belligerents. Enemy character. Commencement of war. Effects of outbreak of war III. Warfare on Land.—Violence against enemy persons. The wounded and the dead. Captivity. Appropriation and utilisation of public and private enemy property. Requisitions and contributions. Destruction of enemy property. Assault, siege, and bombardment. Espionage, treason, ruses. Occupation of enemy's territory.

L.T.—The Law of Nations Concerning War (continued).—IV. Warfare on Sea.—Attack and seizure of enemy vessels. Appropriation and destruction of enemy merchantmen and their goods. Violence against enemy persons. The wounded and the shipwrecked. Espionage, treason, ruses. Requisitions. Contributions. Bombardment. V. Non-Hostile Relations of Belligerents.—Passports. Safe-conducts. Safeguards. Flags of Truce. Cartels. Capitulations. Armistices. VI. Means of Securing Legitimate Warfare.—Complaints, good offices, mediation, and intervention. Reprisals. Punishment of war crimes. Taking of hostages. VII. End of War.—Simple cessation of hostilities. Conquest and subjugation. Treaty of peace. Effects of treaty of peace. Performance of treaty of peace. Postliminium.

S.T.—The Law of Nations Concerning Neutrality.—I. Neutrality in General.—Development of the institution of neutrality. Characteristics of neutrality. Kinds of neutrality. Commencement and end of neutrality. II. Relations between Belligerents and Neutrals.—Rights and duties deriving from neutrality. Neutrals and military operations. Neutrals and military preparations. Neutral asylum to soldiers and naval forces. Neutral supplies and loans to belligerents. Neutral maritime services to belligerents. Violation of neutrality. Right of Angary. III. Blockade.—Strategic and commercial, outwards and inwards. Establishment of blockade. Effectiveness of blockade. Breach of blockade. IV. Contraband.—What articles are contraband. Carriage of contraband. Penalty of contraband. Unneutral Service. V. Visitation, Capture, and Trial of Neutral Vessels.—Right of visitation. Mode of visitation. Resistance against visitation. Irregularities regarding ship-papers. Capture. Trial of captured neutral vessels by prize courts.

BOOKS RECOMMENDED.—Hall, *International Law* (7th ed., 1917); Holland, *The Laws of War on Land* (1908); Lawrence, *Principles of International Law* (4th ed., 1910); Oppenheim, *International Law*, Vol. II., War and Neutrality (2nd ed. 1912); Westlake, *International Law*, Vol. II., War (1913); Edmonds and Oppenheim, *Land Warfare* (1912); Bonfils, *Manuel de Droit International* (6th ed., by Fauchille, 1912); Despagnet, *Cours de Droit International Public* (4th ed., by de Boeck, 1910); Ullmann, *Völkerrecht* (2nd ed., 1908). For reference, the works of Phillimore, Twiss, Halleck, Taylor and Wheaton in English; Calvo, Pradier-Fodéré, Rivier in French; Bluntschli, Heffter, Holtzendorff in German.

For collections of International Conventions, see A. Pearce Higgins, *The Hague Peace Conferences* (Cambridge, 1909); E. A. Whittuck, *International Documents* (London, 1908); *Leading Cases on International Law*, by N. Bentwich, Pitt Cobbett, J. B. Scott, and L. B. Evans (1917); and *The Great European Treaties of the Nineteenth Century*, by Sir Augustus Oakes and R. B. Mowatt (Oxford, 1918). Roscoe's *English Prize Cases* and *British and Colonial Prize Cases* should also be studied.

72 (*a and z*). **International Law (Peace)**, a course of thirty lectures by Professor PEARCE HIGGINS, on Fridays, at 8 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course Professor PEARCE HIGGINS will hold a class on Fridays, at 7 p.m., beginning 10th October.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. M.T.—The Law of Nations Concerning its Subjects.—I. Introduction.—Nature, basis, sources, dominion, codification, and science of international law. Its historical development. The League of Nations. II. States as Subjects of the Law of Nations.—Conception of State and of sovereignty. Recognition. Changes in condition of States. Extinction and succession of States. States in personal and in real union. Confederated and federal States. Suzerain and vassal States. States under protection. Neutralised States. III. Characteristics of States within the Family of Nations.—Personality. Equality. Rank and titles. Independence. Territorial and personal supremacy. Dignity. Intercourse. Intervention. The Monroe doctrine. The Drago doctrine. IV. Responsibility of States.—International delinquencies. Responsibility for acts of State organs and of private individuals.

L.T.—The Law of Nations Concerning its Objects.—I. State Territory.—Conception. Kinds and parts of territory. Rivers. Landlocked seas. Canals. Marginal belt of sea. Gulfs and bays. Straits. Boundaries of territory. State servitudes. Modes of acquiring territory. Session. Occupation. Accretion. Conquest and subjugation. Prescription. Loss of territory. II. The Open Sea.—Historical development. Conception of open sea. The freedom of the open sea. Jurisdiction. Piracy. Fisheries. Telegraph cables. Verification of flag, visit, search. III. Individuals.—Position of individuals in international law. Nationality. Naturalisation. Double and absent nationality. Reception, treatment, expulsion of foreigners. Right of asylum. Extradition.

S.T.—The Law of Nations Concerning International Transactions and the Organs by which they are Conducted.—I. Heads of States.—Monarchs, Presidents of Republics. Foreign offices. II. Diplomatic Envoys.—The institution of legation and diplomacy. Right of legation. Kinds, classes, appointment, reception of diplomatic envoys. Their functions and position, their inviolability and extraterritoriality. The retinue of envoys. Termination of diplomatic mission. III. Consuls.—Consular organisation. Appointment, functions, position, privileges of consuls. Termination of consular office. Consuls in non-Christian States. IV. Miscellaneous Organs.—Armed forces in foreign territory and men-of-war in foreign waters. Agents without diplomatic character. International Commissions. International offices. The Hague Court of Arbitration. V. International Transactions.—Negotiations, congresses, and conferences. Character and functions of treaties, their subjects and objects, their form and parts. Ratification. Expiration, dissolution, avoidance, cancellation of treaties. Law-making treaties. Alliances. Treaties of guarantee and protection. General treaties concerning common non-political interests.

BOOKS RECOMMENDED.—Hall, *International Law* (7th ed., 1917); Oppenheim, *International Law*, Vol. I. Peace (2nd ed., 1911); Westlake, *International Law*, Vol. I., Peace (Cambridge, 1910); Lawrence, *Principles of International Law* (4th ed., 1910); Ullmann, *Völkerrecht* (2nd ed., Tübingen, 1908); Bonfils, *Manuel de Droit International Public* (6th ed., by Fauchille, Paris, 1912); Despagnet, *Cours de Droit International Public* (4th ed., by de Boeck, 1910). For reference, the works of Phillimore, Twiss, Halleck, Taylor, Wheaton, in English; Rivier, Calvo, Pradier-Fodéré, in French; Heffter, Bluntschli, Holtzendorff, in German.

For collections of International Conventions, see A. Pearce Higgins, *The Hague Peace Conferences* (Cambridge, 1909), E. A. Whittuck, *International Documents* (London, 1908), and *The Great European Treaties of the Nineteenth Century*, by Sir

Augustus Oakes and R. B. Mowatt (Oxford, 1918). *Leading Cases on International Law*, by N. Bentwich, Pitt Cobbett, J. B. Scott, and L. B. Evans (1917), should also be consulted.

73. International Law. Seminar by Professor PEARCE HIGGINS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

74. (a) *International Labour Legislation, a course of three lectures by Professor SIR JOHN MACDONELL, on Thursdays, at 5.30 p.m., in Michaelmas Term, beginning 20th November. Open to the public without fee.

75. The History of English Law, a course of twenty lectures by Professor MORGAN, on Thursdays, at 7.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 9th October, L.T. 15th January. Fee for the course, £2 2s.

Syllabus. I. The growth of the Royal Jurisdiction. Early procedure. The jury in civil and criminal cases. The communal courts. The manorial courts. The borough customs and the law merchant. The courts of Exchequer, King's Bench and Common Pleas. The Ecclesiastical courts. The King's Council. Chancery. The forms of action. The Legislative changes of the 19th century. II. The criminal law. Contract. Tort. Ownership and possession. Successions. Trusts. Equitable estates and interests. The influences of Roman law upon English law.

The lecturer will advise students as to text-books and authorities at his first lecture.

These lectures will be given at University College. Students paying the Composition Fee at the London School of Economics and Political Science may attend them without further payment. Tickets of admission are necessary, and may be obtained in the Secretary's Office.

Other lectures in the Faculty of Laws to which the Composition Fee in that Faculty gives access.

†i. Roman Law, by Professor MURISON, on Tuesdays and Thursdays, at 6 p.m., beginning 7th October. Held at University and King's Colleges. First meeting at University College. (60 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s.

†ii. The Origin, History, and General Principles of English Equity, Jurisprudence, etc., by Mr. HURST, on Tuesdays, at 6 p.m., beginning 7th October. (50 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s.

†iii. Civil Procedure, by Mr. HURST, on Tuesdays, at 7 p.m., in Michaelmas Term, beginning 7th October. (10 hrs.) Fee, £1 1s.

* These lectures are given at the London School of Economics and Political Science with the approval of the Senate and by arrangement with the Council of University College.

† At University College.

†iv. Indian Law, on Tuesdays and Thursdays, at 2 p.m. (60 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s. Lecturer to be announced later.

†v. Comparative Law, by Professor Sir JOHN MACDONELL, on Wednesdays, at 5.30 p.m., in Michaelmas and Lent Terms, beginning 22nd October. (20 hrs.) Open to the public without fee.

†vi. Roman Dutch Law, by Professor MURISON, on Tuesdays, at 4 p.m., beginning 7th October. (30 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s.

*Roman Law. See p. 54, No. i.

*vii. Jurisprudence, Analytical and Historical, by Dr. HIBBERT, on Thursdays, at 7 p.m., beginning 9th October. (45 hrs.) Fee, Sessional, £4 4s.; Terminal, £1 11s. 6d.

*viii. Elements of Contract and Tort, by Mr. HUSSEY GRIFFITH, on Fridays, at 6 p.m., beginning 3rd October. (45 hrs.) Fee, Sessional, £4 4s.; Terminal, £1 11s. 6d.

*ix. Criminal Law and Procedure, by Mr. ARTHUR PAGE, on Wednesdays, at 6 p.m., in Lent and Summer Terms, beginning 14th January. (20 hrs.) Terminal Fee, £1 1s.

*x. Law of Evidence, by Dr. HIBBERT, on Thursdays, at 6 p.m., in Summer Term, beginning 29th April. (10 hrs.) Fee, £1 1s.

*xi. Law of Real and Personal Property, by Mr. MACKAY, on Mondays, at 5.30 p.m., beginning 6th October. (60 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s.

*xii. Private International Law, by Dr. HIBBERT, on Thursdays, at 6 p.m., in Michaelmas and Lent Terms, beginning 9th October. (20 hrs.) Terminal Fee, £1 1s.

*xiii. History of Law of Real Property, by Mr. MACKAY, on Fridays, at 5.30 p.m., in Michaelmas Term, beginning 10th October. (10 hrs.) Fee, £2 2s.

*xiv. Banking Law, on Mondays or Thursdays, at 6.30 p.m., in Lent Term, beginning 12th January. (4 hrs.) Free to Bank Clerks. Lecturer to be announced later.

And others.

* At King's College.

† At University College.

E.—GEOGRAPHY.

INAUGURAL LECTURE.

81. The Importance of the River Rhine in the new Map of Europe, a lecture by Mr. MACKINDER on Friday, 3rd October, at 5 p.m., Colonel L. S. AMERY, M.P., Under Secretary for the Colonies, in the Chair. Open to the public without fee.

82 (y). Geography, a general course for the Intermediate Examination, by Major JONES and Miss RODWELL JONES, on Tuesdays, from 11 a.m. to 1 p.m., beginning M.T. 7th October. L.T. 20th January, S.T. 27th April. Sessional Fee, £2 12s. 6d. Terminal Fee, £1 1s.

Syllabus. M.T.—Asia. The first half of the term will be given to India, which country will be treated as a type for the explanation of fundamental principles.

L.T.—The first six lectures will be allotted to the Southern Continents, and the last five to North America, which will be treated in greater detail.

S.T.—Europe and the Mediterranean.

The treatment of each division of the world will be physical from the regional point of view, with economic applications. The students will be required to provide themselves with certain cheap maps and diagrams, particulars of which will be given from time to time by the lecturer.

Students attending this course are strongly urged to provide themselves with Diercke's Schulatlas (published by Westermann), or failing this Bartholomew's Student's Atlas.

The above course will be repeated on Wednesdays, from 6 to 8 p.m., beginning 8th October, for evening students.

83 (a). A Map Class in Geography will meet under the direction of Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Fridays, at 3 p.m., throughout the session, beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Fee, £3 3s.

NOTE.—This course is intended primarily for teachers of Geography, but the requirements of students preparing for Indian Civil Service and other examinations will be specially considered, as also the needs of those training as draughtsmen and map-compilers.

The number of students who may be admitted is limited to sixteen. Application to join must be received not later than Friday, 19th September. Preference will be given to students who have previously attended lectures on Geography at the School. Some previous knowledge of Geography is essential.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £1 11s. 6d. a session or 12s. 6d. a term.

84 (a). A Map Class in Geography will meet under the direction of Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Saturdays, at 11 a.m., throughout the session, beginning M.T. 4th October, L.T. 17th January, S.T. 1st May, under conditions similar to those stated above. Fee, £3 3s.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £1 11s. 6d. a session or 12s. 6d. a term.

85 (a). A Class in Detailed Geography will meet under the direction of Major JONES on Wednesdays, at 3 p.m., beginning M.T. 8th October, L.T. 21st January, S.T. 28th April. Sessional Fee, £3 3s.; Terminal Fee, £1 11s. 6d.

The region dealt with in the session 1919-20 will be North America. **Syllabus.** The region is taken district by district, and the complete geography built up from the foundations, as an illustration of geographical method. The class consists of combined lectures and discussions, and arrangements are made for lending out to students portions of large scale maps, together with books and periodicals relating to the special districts and to special aspects of the geography.

BOOKS RECOMMENDED.—Deckert, *Nordamerika*; Rutter, *Wheat Growing*; W. M. Davis, *Physical Geography*.

Some previous knowledge of Geography is essential.

As the number of students who can be admitted is limited, application to join this class must be made not later than Friday, 19th September.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £1 11s. 6d. a session or 12s. 6d. a term.

86 (a). A Class in Detailed Geography will meet under the direction of Miss RODWELL JONES, on Fridays at 6 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £3 3s.; Terminal Fee, £1 11s. 6d.

The region dealt with in the session 1919-20 will be Europe. **Syllabus.** The region is taken district by district, and the complete geography built up from the foundations, as an illustration of geographical method. The class consists of combined lectures and discussions, and arrangements are made for lending out to students portions of large scale maps, together with books and periodicals relating to the special districts and to special aspects of the geography.

BOOKS RECOMMENDED.—Lavissee, *Histoire de France*, Vol. I, by Vidal de la Blache; Scvjić, *La Péninsule Balkanique*; Philippson, *Das Mittelmeergebiet*; Mackinder, *Britain and the British Seas*; Schimper, *Plant Geography*; de Martonne, *Traité de Géographie physique*.

Some previous knowledge of Geography is essential.

As the number of students who can be admitted is limited, application to join this class must be made not later than Friday, 19th September.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £1 11s. 6d. a session or 12s. 6d. a term.

In connection with the above courses Mr. MACKINDER and Professor SARGENT will lecture occasionally and give short courses of lectures. See for instance Nos. 87 and 88.

87. The Peace Treaty in the Light of Economic Geography, a course of three lectures by Professor SARGENT, on Fridays, at 6 p.m., in Lent Term, beginning 6th February. Fee, 5s.

88. The Railways and Seaports of North America, a course of three lectures by Professor SARGENT, on Wednesdays, at 3 p.m., in Summer Term, beginning 12th May. Fee, 5s.

89. Geography (Seminar). Mr. MACKINDER will meet candidates for Research Degrees from time to time by arrangement.

Open to students paying either the Composition Fee or the Research Fee.

90. Economic Geography. Seminar by Professor SARGENT, on Fridays, at 5 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

Open to students paying either the Composition Fee or the Research Fee.

91 (a). *Historical Geography, a course of ten lectures by Mr. MACKINDER, on Mondays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd November, L.T. 9th February. Fee for the course, 12s. 6d.; Terminal Fee, 7s. 6d.

Syllabus. The Geographical factor in the Political and Economic development of Western and Central Europe during the Christian Era.

Books will be recommended to students as the course progresses.

92 (a). *Modern Historical Geography, a course of eight lectures by Professor SARGENT, on Fridays, at 3 p.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

Syllabus. The Geographical factor in the Political and Economic development of North America.

BOOKS RECOMMENDED.—E. C. Semple, *American History and its Geographic Conditions*; A. P. Brigham, *Geography in American History; From Trail to Railway through the Appalachians*.

93. The British Empire under the New Conditions of the World, a course of five lectures by Mr. MACKINDER, at 11 a.m. on Saturdays, 18th and 25th October; 8th, 15th and 22nd November in Michaelmas Term. Fee, 7s. 6d.

* Candidates for an honours degree in the Faculty of Economics and Political Science must attend a course of lectures on Historical Geography.

London teachers, who will have precedence should it be necessary to limit the class, may obtain admission through the Education Officer, L.C.C. Education Department, Victoria Embankment, W.C. 2, to whom they should apply for particulars of special terms.

94. The Geography of London, a course of four lectures by Miss RODWELL JONES, on Mondays, at 6.30 p.m., in Lent Term, beginning 19th January. Fee, 7s. 6d.

The lectures will be illustrated by lantern slides.

176 (a). The Geography of the Railways and Seaports of Asia, a course of ten lectures by Professor SARGENT, on Thursdays, at 6.15 p.m., in Michaelmas Term, beginning 9th October. Fee, 12s. 6d.

The lectures will be illustrated by photographs and specially drawn maps shown in the Episcopa.

For particulars, see p. 78.

i. The Physical Basis of Geography, a course of lectures throughout the session by Professor GARWOOD, on Thursdays, from 5.15—7.15 p.m., beginning 2nd October. First meeting 2nd October, at 4.30 p.m. Fee for the course, £6 6s.

ii. Instruments and Maps, a course of lectures and practical exercises by Mr. ORMSBY, on Tuesdays at 4 p.m., in Lent Term, beginning 13th January. This course will be followed by further practical work (two hours a week), in Summer Term. Fee for the two terms, £2 12s. 6d.

These lectures are given at University College, and complete the course for students registered at the London School of Economics and Political Science for the Academic Diploma in Geography.

Students who have time to follow Mr. Ormsby's course in both terms are advised to do so, although attendance is compulsory only during the Summer Term.

See also lectures for students in this Department in the section Ethnology, page 61, No. 105.

For particulars of the Certificate of the School and the Academic Diploma of the University in Geography, see pp. 88 and 90.

F.—ETHNOLOGY.

98 (a). **The Principles and Methods of Ethnology**, with special reference to methods of field work, a course of eight lectures by Professor SELIGMAN, on Tuesdays, at 2 p.m., in Michaelmas Term, beginning 7th October. Fee, 12s. 6d.

These lectures are intended to guide the student to investigate the lines on which social organization, and religious thought and practice have developed among different peoples, so that he may be fitted to record their social constitution and religious ideas. They are also intended for officials, missionaries, and those going among primitive and barbarous peoples.

Syllabus. Some fundamental conceptions; Race; Language and Categories; Methods of Investigation; Awe; *Mana*; Taboo; Magic. The Cult of the Dead; its simple and more complex manifestations. Developments in the higher religions; Heroes; Divine Kings and Gods. Animism; Polytheism; Persistence of both beliefs in the higher cultures, and their importance in the more advanced religions. The relation existing between man and animals; Totemism; Animal Cults. The part played by occupation and environment in the expression of religion. Migrations and the fusion of races. Some social and religious complexes.

BOOKS RECOMMENDED.—Tylor, *Primitive Culture, Anthropology*; Myres, *The Dawn of History*.

99 (a). **Early Man in Western Europe**, a course of six lectures by Professor SELIGMAN, on Wednesdays, at 2 p.m., in Michaelmas Term, beginning 8th October. Fee, £1 1s.

Syllabus. The Ice age, climatic and faunistic conditions. The Palæolithic sequence, the drift and cave periods. The oldest human remains and the appearance of modern man. The French and Spanish cave-dwellers, their art and rock drawings. The Transition. The Neolithic and Metal ages.

READING RECOMMENDED.—Various papers during the last ten years in *L'Anthropologie*.

100 (a). **Class** by Professor SELIGMAN after each lecture. Free to students attending the above lectures.

101 (a). **The Melanesians of Papua (British New Guinea)**, a course of eight lectures by Professor SELIGMAN, on Tuesdays, at 2 p.m., in Lent Term, beginning 20th January. Fee, £1 1s.

Syllabus. Geographical relations and migrations; Western and Eastern Papua-Melanesians. Social Systems and the regulation of public life. Clans and Totemism. Exogamy. Chieftainship and club houses. Family life. Trade and Art. Religion and Taboo.

BOOKS RECOMMENDED.—Rivers, *Dreams and Primitive Culture*; *The History of Melanesian Society*; Seligman, *Melanesians*.

102 (a). **Class** by Professor SELIGMAN after each lecture. Free to students attending the above lectures.

103 (a). **Some Migrations and Survivals**, a course of six lectures by Professor SELIGMAN, on Wednesdays, at 2 p.m., in Lent Term, beginning 21st January. Fee, £1 1s.

104 (a). **Class** by Professor SELIGMAN after each lecture. Free to students attending the above lectures.

105. **The Peoples of Europe and the adjoining parts of Asia and Africa**, a course of four lectures by Professor SELIGMAN, on Wednesdays, at 5 p.m., in Lent Term, beginning 28th January. Fee, 7s. 6d.

These lectures are primarily intended for students in the Department of Geography.

106. **Ethnology.** Seminar by Professor SELIGMAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

G.—SOCIOLOGY.

110 (a). Introduction to the Study of Society, a course of twenty lectures by Professor HOBHOUSE, on Mondays, at 11 a.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 19th January. Fee for the course, £1 17s. 6d. Terminal Fee, £1 1s.

Syllabus. The sociological point of view. The scientific, metaphysical and ethical treatment of the subject. Special sciences and general sociology. Character of social organisation and factors involved. The physical environment. The racial factor and problems of heredity. The psychological factor—questions of the comparative importance of impulse and thought in social affairs. The factor of social tradition. The nature of social development illustrated in the comparative treatment of fundamental institutions of society.

BOOKS RECOMMENDED.—Westermarck, *Origin and Development of the Moral Ideas*; *History of Human Marriage*; Mackenzie, *Introduction to Social Philosophy*; Green, *Principles of Political Obligation*; Müller Lyer, *Phasen der Kultur*.

111 (a). Class by Professor HOBHOUSE after each lecture. Free to students attending the lectures.

112 (a). Social Philosophy, a course of ten lectures by Professor HOBHOUSE, on Wednesdays, at 3 p.m., in Michaelmas Term, beginning 8th October. Fee, £1 1s.

Syllabus. Contract theories. The theory of Force. Utilitarianism. The metaphysical theory of Social Institutions.

BOOKS RECOMMENDED.—Rousseau, *Contrat Social*; Treitzschke, *Politics* (English translation); Bosanquet, *Philosophical Theory of the State*; Green, *Principles of Political Obligation*; Bentham, *Principles of Legislation*; Mill, *Utilitarianism, Liberty, Representative Government*; Mackenzie, *Introduction to Social Philosophy*; *Manual of Ethics*

113 (a). Class by Professor HOBHOUSE after each lecture. Free to students attending the lectures.

114 (a). Comparative and Social Psychology, a course of ten lectures by Professor HOBHOUSE, on Wednesdays, at 3 p.m., in Lent Term, beginning 21st January. Fee, £1 1s.

BOOKS RECOMMENDED.—Graham Wallas, *The Great Society*; McDougall, *Social Psychology*; Stout, *Manual of Psychology*.

115 (a). Class by Professor HOBHOUSE after each lecture. Free to students attending the lectures.

116. Applied Social Philosophy. Seminar for advanced students by Professor HOBHOUSE, on Mondays, at 3 p.m., beginning 6th October.

Open to students paying either the Composition Fee or the Research Fee.

117 (a). Social Institutions, a course of fourteen lectures by Professor WESTERMARCK, on Mondays and Tuesdays, at 11 a.m., in Summer Term, beginning Monday, 26th April. Fee, £1 11s. 6d.

Syllabus. Sociology, the science of social phenomena. The characteristics of social phenomena as distinguished from biological and psychological phenomena. Sociology in its relations to biology and psychology. The principle of evolution applied to sociology. Sociological methods. The essential characteristics of a society. Animal and human societies. The origin of human societies. Human societies based on local proximity, blood-relationship, and a common religion. The systems of paternal and maternal descent. The family, joint family, clan, tribe, nation. The biological and psychological facts on which the formation, scope, and coherence of a society depend. A social institution a regulated social relationship. Customs and laws as rules of conduct. The origin and function of the family. Social regulations as to the limits within which marriage may be contracted (exogamous and endogamous rules). The modes of contracting marriage; marriage by capture, marriage by purchase, the marriage portion. Marriage rites. Monogamy, polygyny, polyandry, group-marriage. The position of wives. The duration of marriage and the customs and laws referring to divorce. The relation between parents and children. The future of the family.

118 (a). Class by Professor WESTERMARCK after each lecture. Free to students attending the above lectures.

119 (a). Early Beliefs and their Influence on Social Relationships and Institutions, a course of seven lectures by Professor WESTERMARCK, on Mondays, at 5 p.m., in Summer Term, beginning 26th April. Fee, £1 1s.

Syllabus. Magic and religion and their relations to each other. Different forms of magic and early religion. Their social importance. The influence of early beliefs on marriage, the family and the position of women. Their influence on the clan and the local community. Their influence on the respect for human life. Their influence on the treatment of the poor and needy. Their influence on the treatment of strangers. Their influence on the right of property. Their influence on veracity and good faith. Rest-days. The influence of early beliefs on punishment and the administration of justice. Oaths; ordeals; the right of sanctuary. The influence of early beliefs on morality in general.

BOOKS RECOMMENDED in connection with courses Nos. 117 and 119.—Herbert Spencer, *The Study of Sociology*; Paul Barth, *Die Philosophie der Geschichte als Soziologie*, Vol. I.; E. Durkheim, *Les Règles de la Méthode Sociologique*; A. Espinas, *Des Sociétés Animales*; L. T. Hobhouse, *Morals in Evolution*; W. McDougall, *An Introduction to Social Psychology*; Edward Westermarck, *The Origin and Development of the Moral Ideas*; G. E. Howard, *A History of Matrimonial Institutions*; E. Crawley, *The Mystic Rose*; E. B. Tylor, *Primitive Culture*; J. G. Frazer, *The Golden Bough*; Idem, *Psyche's Task*.

120 (a). Class by Professor WESTERMARCK after each lecture. Free to students attending the above lectures.

121. Sociology. Seminar by Professor WESTERMARCK for advanced students on Tuesdays in Summer Term, at times to be arranged. The first meeting will be at 3 p.m. on Tuesday, 27th April.

Open to students paying either the Composition Fee or the Research Fee

H.—SOCIAL SCIENCE AND ADMINISTRATION.**THE RATAN TATA DEPARTMENT, UNIVERSITY OF LONDON.**

125. Practical Work and Observation and the Social and Industrial Characteristics of London, a course of four lectures by Professor URWICK, on Tuesdays, at 3 p.m., in Michaelmas Term, beginning 7th October. Fee, 7s. 6d.

Syllabus. This course will deal with (a) Practical work, with special reference to work in connection with organised agencies both public and voluntary; (b) social study and observation, with notes on books and reading; (c) public and private agencies for assistance; (d) the general social characteristics of London.

126. Industrial Conditions, a course of ten lectures by Mr. ATTLEE, on Tuesdays, at 5 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

Syllabus. The history, structure and problems of trade unionism, the co-operative movement, friendly societies, etc.

127. Industrial Problems, a composite course of nine lectures, by various lecturers, on Mondays, at 5 p.m., in Summer Term, beginning 26th April. Fee for the course, 12s. 6d.; for separate lectures, 2s. 6d.

Mon., 5 p.m., 26th April and 3rd May.	} "Trade Unions, Their Use and Development."	Mr. J. J. MALLON.
Mon., 5 p.m., 10th May.		Dr. MARION PHILLIPS.
Mon., 5 p.m., 17th May.	"Labour from an Employer's Point of View."	Mr. ERNEST D. SIMON.
Mon., 5 p.m., 31st May and 7th June.	} "Trade Unions, Their Present Position and Future Difficulties."	Mr. MALLON.
Mon., 5 p.m., 14th and 21st June.		Miss CONSTANCE SMITH.
Mon., 5 p.m., 28th June.	"Minimum Wage Legislation."	Mr. G. T. REID.

128. Health and the Worker, a course of twenty lectures in Michaelmas and Lent Terms.
Details to be announced later.

129. A Historical and Critical Account of Some Principles of Social Management, a course of nineteen lectures by Professor URWICK, on Wednesdays, at 12 noon, in Lent and Summer Terms, beginning L.T. 21st January, S.T. 28th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Admission to the course will be exclusively by permission of Professor URWICK.

130. The Place of Voluntary Effort and Association in the Future, a course of six lectures by Miss ECKHARD, on Tuesdays, at 3 p.m., in Michaelmas Term, beginning 4th November. Fee, 10s. 6d.

Syllabus. The relationship of voluntary activities and the State. The development of voluntary effort in England, illustrated by a comparison between the functions of voluntary organisations in England and other countries.

131. Outlines of English Local Government, a course of ten lectures by Mr. ATTLEE, on Tuesdays, at 5 p.m., in Michaelmas Term, beginning 14th October. Fee, 12s. 6d.

Syllabus. Structure of Local Government. Constitution, finance and central control. Services: health, education, old age and mental deficiency, housing and transport, amenity. Reproductive services. Regulative services and justice. London government.

132. Social Economics, a course of thirty lectures by Professor URWICK and Miss CHRISTIE, on Tuesdays, at 12 noon, beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. Development of science of Economics in 18th and early 19th centuries. The psychological foundation of value. The theory of rent. The wage fund. Productivity theories of wages. The growth of capitalism. Theories of interest. The entrepreneur and profits. Exchange and markets. Price under competition and monopoly. Industrial combinations. Money and credit. Taxation. Foreign trade.

BOOKS RECOMMENDED.—H. Clay, *Economics for the General Reader*; Charles Gide, *The Principles of Political Economy*; Henry R. Seager, *Brief Economics*; J. A. Hobson, *The Industrial System*; H. Withers, *Business of Finance*; Armitage Smith, *Principles of Taxation*.

133. The Application of Economic Principles to Social Questions, a course of nine lectures by Professor URWICK and Miss CHRISTIE, on Mondays, at 11 a.m., in Summer Term, beginning 26th April. Fee, 12s. 6d.

Syllabus. Social and economic aspects of Co-operation. Co-partnership. Socialism. National Guilds. Housing. Unemployment. Competition and the motives of Industry and Commerce. Mechanical inventions and the position of the worker.

BOOKS RECOMMENDED.—C. R. Fay, *Co-operation at Home and Abroad*; O. D. Skelton, *Critical Examination of Socialism*; J. A. Estey, *Revolutionary Syndicalism*; G. D. H. Cole, *Self-Government in Industry*; Lord Leverhulme, *The Six-Hours Day*; Schloss, *Methods of Industrial Remuneration*; Cole, *Payment of Wages*.

134. Social History from 1760, a course of thirty lectures by Mr. TAWNEY, on Wednesdays, at 10.45 a.m., beginning M.T. 8th October, L.T. 21st January, S.T. 28th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. Political and Social Conditions of the old régime. The agrarian changes. "The Industrial Revolution." The new Political Economy. The Movement for Parliamentary Reform. The Growth of Pauperism and the Reform of the Poor Law. The Reform of Municipal Corporations. The Trade Union Movement up to 1850. The beginnings of Factory legislation. The Chartist Movement. The early co-operators. The growth of a system of Public Education. The reform of Local Government and the growth of municipal enterprise. The growth and character of modern trade unionism. The policy of the State towards industry and social questions. Recent changes in social and political thought. The present position of the Industrial problem.

BOOKS RECOMMENDED.—J. L. and Barbara Hammond, *The Village Labourer*; E. C. K. Gonner, *Common Land and Inclosures*; A. H. Johnson, *The Disappearance of the Small Landowner*; A. Toynbee, *The Industrial Revolution*; P. Mantoux, *La Revolution Industrielle*; J. L. and Barbara Hammond, *The Town Labourer*; W. Cunningham, *Growth of English Industry and Commerce*; E. Porritt, *The Unreformed House of Commons*; Butler, *The Great Reform Bill*; Sir L. Stephen, *The English Utilitarians*; J. Redlich and F. W. Hirst, *Local Government in England*; Graham Wallas, *Life of Francis Place*; M. Beer, *The History of British Socialism*; M. F. Hovell, *The Chartist Movement*; F. Podmore, *Life of Robert Owen*; E. Hodder, *Life of Lord Shaftesbury*; A. Harrison and B. L. Hutchins, *History of Factory Legislation*; J. Goldmark, *Fatigue and Efficiency*; S. and B. Webb, *History of Trade Unionism*; *Industrial Democracy*; T. Mackay, *The English Poor Law*; *Poor Law Report of 1834*; B. L. Hutchins, *The Public Health Agitation*; A. E. Dobbs, *Education and Social Movements, 1700-1850*.

135. Social Philosophy, a course of twenty lectures, by Miss CHRISTIE, on Mondays, at 11 a.m., in Michaelmas and Lent Terms, beginning M.T. 13th October, L.T. 19th January. Fee for the course, £1 17s. 6d.; Terminal Fee, £1 1s.

Syllabus. M.T. The idealists Plato, More, Wells: historical method, Comte, Buckle; biological, Spencer and the modern Eugenists; political, Locke, Rousseau, Mill; metaphysical, Hegel, Bosanquet, Green.

L.T.—A study in relationships. The family, the school, the economic group, the Church, the State, international relations.

BOOKS RECOMMENDED.—Plato, *The Republic*; T. More, *Utopia*; H. G. Wells, *A Modern Utopia*; D. G. Ritchie, *Natural Rights*; Muirhead and Hetherington, *Social Purpose*; B. Bosanquet, *Philosophical Theory of the State*.

136. Class by Miss CHRISTIE after each lecture. Free to students attending the lectures.

Special Classes will also be taken by Mr. ATTLEE, Miss HARRISON and others, for students interested in Welfare Work, of which details are given in a separate leaflet.

J.—COMMERCE AND INDUSTRY.

See also Nos. 6, 7 and 8.

140. The Elements of Commerce, a course of ten lectures by Mr. GREGORY, on Wednesdays, at 12 noon, in Michaelmas Term, beginning 15th October. Fee, 12s. 6d.

Syllabus. The geographical and economic basis of commerce. Localization of industry and its effects. Relations of producing groups. Efficiency of labour as an element in competition. Commerce as an effect and cause of industry. The functions and working of markets. Types of market dealing. Speculation and its effects. Local and world prices. Trusts and combines in relation to markets and prices. Organisation of the movement of goods. Agents necessary and unnecessary. Inland transport. Railways and railway policy. Water and road transport. The telegraph in relation to trade methods. Equipment of seaports. Ocean transport. Types of shipping. Conditions determining freights. Economy of working and equalization of traffic. Seasonal traffic. Economic basis of shipping rings and agreements and their effect on trade organisation and distribution. Insurance. The financing of commerce. Working and value of credit. Banking in relation to commerce. Policy of foreign banks illustrated. Bills and other methods of settling debt. The balance of trade. Investment and its effect on commerce. Working of the foreign exchanges. The State in relation to commerce. Control of transport agencies. Tariffs and tariff administration from the commercial point of view. Commercial intelligence. Statistical information on trade and transport and its value.

Owing to the wide scope of the subject it is not possible to suggest text-books for study; but the sources of information on the various problems dealt with will be indicated in the course of the lectures.

BOOKS RECOMMENDED.—E. C. Semple, *The Influences of the Geographic Environment*; Alfred Weber, *Standort der Industrien* Vol. I. *Reine Standortlehre*; A. J. Sargent, *Seaways of the Empire*; *Royal Commission on Shipping Rings*; Owen's *Ocean Trade and Shipping*; Emery, *Speculation on the Corn and Produce Exchanges of the U.S.*; Withers, *Money Changing*; J. H. Higginson, *Tariffs at Work*; Brassey and Chapman, *Work and Wages*: Vol. I. *Foreign Competition*. Other works will be mentioned in the course of the lectures.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 9th October, for evening students.

141 (y). The Organisation of English Foreign Trade, an elementary course of ten lectures by Mr. GREGORY, on Wednesdays, at 12 noon, in Lent Term, beginning 21st January. Fee, 12s. 6d.

Syllabus. The nature of foreign trade in general, and the main causal group determining its distribution, as illustrated from English economic development. The statistical treatment of foreign trade: its problems and results. The basic motives of foreign-trade and their relation to price. The organisation of foreign trade, as illustrated by the analysis of costs. Agents and their economic justification. The functions of the State. The determination of transport charges. The relation of foreign trade to financial institutions. The function of the latter in (a) the organisation of international payments, (b) the determination of the nature of trade. Geographical and economic aspects of trade-routes.

BOOKS RECOMMENDED.—There is no satisfactory text-book covering the whole ground. The following are useful for various parts of the subject: Bowley, *England's Foreign Trade*; Chisholm, *Handbook of Commercial Geography*; Stephenson, *Principles and Practice of Commerce*; Spalding, *Foreign Exchange and Foreign Bills*; Withers, *Money Changing*; C. K. Hobson, *The Export of Capital*; Taussig, *Principles of Economics* (Vol. I., Chaps. 32-35); *The Official Statistics of British Trade*.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 15th January, for evening students.

142. The Foreign Exchanges, a course of six lectures by Mr. GREGORY, on Thursdays, at 7.15 p.m., in Lent Term, beginning 15th January. Fee, 10s. 6d.

Syllabus. 1. Foreign exchange arises out of international transactions in the widest sense of the word, and is complicated by differing currencies. The instruments used. The competition between bills of exchange and other methods of payment. Specie-points: Quotations of exchange, &c. 2. The organisation of the exchange market; Acceptance and discount; The gold exchange—standard countries. Finance bills and trade bills: Why the sterling exchange is the most popular form of remittance: Exchange between gold and silver-using countries. 3. The regulation of the exchanges. The influence of arbitrage transactions: The method of discount-rate variations: influence of rising rates on purchases. How far war influences these methods. 4. The foreign exchanges during the war. The problems created by the outbreak of war: the course of exchange during the war: special problems influencing exchange. The future of sterling exchange.

BOOKS RECOMMENDED.—Withers, *Money Changing*; Clare, *A.B.C. of the Foreign Exchanges*; Goschen, *Theory of the Foreign Exchanges*; O. Haupt, *Parités et Arbitrages*; Spalding, *Foreign Bills and Foreign Exchange*; Escher, *Foreign Exchange Explained*; Kemmerer, *Recent Monetary Reforms*; *Defence of the Realm Manual (Financial Edition)*; and articles by Prof. Cassel in *Economic Journal*, 1916-1918.

143 (a and z). The Commerce and Commercial Problems of the Great Powers, a course of thirty lectures by Mr. GREGORY, on Thursdays, at 12 noon, beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. This course is intended as a complement to the course of lectures on the Economic Position of the Great Powers, No. 51, but can be followed without attendance at the former. In general it will deal with the nature and distribution of the foreign trade of the Great Powers: the trade and trade relations of their colonial possessions; the part taken by each in the control of the great staples of world-commerce and, finally, with the organisation of trusts, cartels, produce markets, the shipping industry and its relation to the State. The course will be divided as follows:—

M.T.—Trade of the United Kingdom and the British Empire, with special reference to the Self-Governing Dominions and India. The Tropical Colonies and their products. The shipping industry and its importance to the Empire.

L.T.—The trade of the Great Powers, with special reference to the staples—cotton, wheat, ores, lumber, etc.

S.T.—Problems of organisation. The export policy of Trusts and Cartels: the Organisation of Produce Markets. The State in relation to wholesale markets. The problem of the Conservation of Natural Resources. Railway and Port Problems in the Continent of Europe.

BOOKS RECOMMENDED.—Only a selection can here be made from the literature available, other books will be mentioned in the course when appropriate.

M.T.—*The Fiscal Blue-Books*, Cd. 1761 of 1903, Cd. 2337 of 1904, Cd. 4954 of 1909; Hirst's *Edition of Porter*; *Annual Statement of the Trade of the U.K. with Foreign Countries and British Possessions*; *Statistical Abstract for the British Empire*; *Annual Reports on Crown Colonies and Protectorates*; *The Australian Commonwealth Year-Book*; *Government of India, Annual Statement of Trade and Navigation*; *Reports of the Dominions Royal Commission*; *Canada, Year-Book*; Geoffrey Drage, *The Imperial Organisation of Trade*; John Scott Schooling, *The British Trade Book (4th Issue, 1911)*; Victor Bérard, *British Imperialism and Commercial Supremacy*; von Schultze-Gaevernitz, *Britischer Imperialismus und Englischer Freihandel*; Bowley, *National Progress in Wealth and Trade since 1882*; C. J. Fuchs, *The Trade Policy of Great Britain and her*

Colonies since 1860; Kirkaldy, *Shipping Industry*; and *Report of the Royal Commission on Shipping Rings*; W. Page, *Commerce and Industry*: Vol. I., *Historical Review*; Vol. II., *Statistical Tables*.

L.T.—France, *Annuaire Statistique*; Germany, *Statistisches Jahrbuch*; U.S.A., *Statistical Abstract*; *Proceedings of the International Trade Conference, New York, 1915*; J. A. Todd, *The World's Cotton Crops*; A. Opper, *Die Baumwolle*; Geerligs, *The World's Cane Sugar Industry*; Schuchart, *Die Volkswirtschaftliche Bedeutung der technischen Entwicklung der deutschen Zuckerindustrie*; Senkel, *Wollproduktion und Wollhandel im XIX. Jahrhundert*; Sondorfer, *Die Technik des Welthandels, II. Band*; *Report on the Resources and Production of Iron Ores and other Principal Metalliferous Ores used in the Iron and Steel Industry of the U.K.* (published by the Department of Scientific and Industrial Research); *Iron Ore Resources of the World* (Stockholm Geological Congress, 1910); Rollin E. Smith, *Wheatfields and Markets of the World*; *Flour and Wheat Trade* (Report by M. H. Davis to Department of Commerce and Labour).

S.T.—*Reports of the Commissioner of Corporations on Cotton Exchanges*; Emery, *Speculation on the Corn and Produce Exchanges of the U.S.*; Chapman, *Lancashire Cotton Industry*; W. Morgenroth, *Die Exportpolitik der Kartelle*; Levy, *Monopoly and Competition*; Grunzel, *Über Kartelle*; *Kontradictorische Verhandlungen über Kartelle* (published by German Government); Grunzel, *Economic Protectionism and System der Handelspolitik*; Wiedenfeld, *Die Nordwesteuropäischen Welthäfen*; Grunzel, *System der Verkehrspolitik*; Cohn, *Verkehrswesen*; *Report of the National Conservation Committee (U.S.A.)*; Van Huysse, *The Conservation of National Resources in the U.S.*; Royal Meeker, *History of Shipping Subsidies*; A. Colin, *La Navigation Commerciale au XIX. Siècle*; Owen's *Ocean Trade and Shipping*. See also Select Bibliographies of Library of Congress on Reciprocity, Tariffs, Railways, etc.

The above course of lectures will be repeated on Wednesdays, at 7.15 p.m., beginning 8th October, for evening students.

43 (a). Tariffs and Tariff Administration, a course of ten lectures by Mr. GREGORY, on Tuesdays, at 6 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

For Syllabus, see p. 42.

144 (a). Coal, Water and Oil, as Sources of Power (from the Commercial Point of View), a course of ten lectures by Professor SARGENT, on Mondays, at 2.30 p.m., in Michaelmas Term, beginning 13th October. Fee, 12s. 6d.

Syllabus. The present and future sources of coal, in relation to industries based on it, the movement of coal both for industrial and commercial purposes, and the changes taking place now or likely to take place in the future owing to the development of new sources of supply. The location of the oil supplies of the world, the problem of oil versus coal as a motive power and the effect of competition on the position of the coal-owning countries. The limits, physical and economic, of the utilization of water-power, the chief water supplies available and the possible development of areas dependent on them.

145 (a). Markets and Market Organisation, Economic and Geographical, a course of nineteen lectures by Professor SARGENT, on Mondays, at 2.30 p.m. in Lent and Summer Terms, beginning L.T. 19th January, S.T. 26th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

In connection with this course a class for discussion may be held if sufficient students enter.

Fee for lectures and class: For the course, £1 17s. 6d.; Terminal, £1 1s.

Syllabus. The conditions of production and marketing of the more important commodities entering into overseas trade (and the traffic of the great ports of the world).

Part I.—L.T.—The Production and Marketing of Foodstuffs.

Part II.—S.T.—The Production and Marketing of Raw Materials.

The aim of the lectures will be to deal broadly with the process by which the more important commodities are transferred from producing to consuming areas. The lectures will include the geographical and economic conditions of production, under the competitive system, local collecting and handling centres, methods of transport by rail and sea, finance and credit, market dealing in relation to prices, the organisation of consuming markets, Government interference and statistical information. The whole will have special reference to the conditions of the United Kingdom and the resources, actual and possible, of the British Empire.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

176 (a). The Geography of the Railways and Seaports of Asia, a course of ten lectures by Professor SARGENT, on Thursdays, at 6.15 p.m., in Michaelmas Term, beginning 9th October. Fee, 12s. 6d.

For particulars see p. 78.

146 (a). Commercial Relations of the United Kingdom with the Near East, a course of ten lectures by Professor SARGENT, on Fridays at 7.15 p.m., in Lent Term, beginning 16th January. Fee 12s. 6d.

147. A Class for the Study of Commercial Documents will meet under the direction of Professor SARGENT and Mr. GREGORY, on Fridays, at 12 noon, in Summer Term, beginning 30th April. Fee, 12s. 6d.

148. Foreign Trade (Class). Professor SARGENT will hold a special class for candidates for the Certificate in Commerce. Admission will be exclusively by permission of Professor SARGENT. Times to be arranged with students. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

149. Foreign Trade. Seminar by Professor SARGENT. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

K.—ACCOUNTING AND BUSINESS METHODS.

155 (y). Accounts of Traders and Companies, a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Mondays, at 11 a.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April. Sessional Fee, £2 12s. 6d.; Terminal Fee, £1 1s.

Syllabus. M.T.—The Principles of Double Entry and their application—the Trial Balance—Ledgers and books of first entry—Bills of Exchange—methods of balancing.

L.T.—Sectional Balancing—Balance Sheets—Trading and Profit and Loss Accounts—Departmental Accounts—safeguards against fraud in accounts.

S.T.—Accounts of Partners—Accounts of Companies.

BOOKS RECOMMENDED.—Dicksee's *Bookkeeping for Accountant Students*; *Bookkeeping Exercises for Accountant Students*; *Bookkeeping for Company Secretaries*.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

156. Class. In connection with the above course a class will be held morning and evening immediately after each lecture except the first. Free to students attending the lectures.

157 (z). Accounting and Business Methods (Part I.), a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Mondays, at 7 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with this course a class will be held on Mondays, at 6 p.m., beginning 13th October.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee, for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. M.T.—General introduction as to the nature, objects, and utility of bookkeeping. The nature of double-entry bookkeeping described and distinguished from single-entry. The distinction between Capital and Revenue, both as regards receipts and expenditure. The distinction between "fixed" and "floating" assets. The Trial Balance. The application of the principle of the Trial Balance to each of a series of Ledgers. Various methods of sectional balancing described, and the relative advantages of each explained. "Duplicate Posting." Check figures. Branch Accounts: their organisation and control from headquarters. Departmental Accounts.

L.T.—Consignment Accounts. Exportation and Importation. Foreign Currencies; their fluctuation in value, its causes and effect. The accounts of Foreign Branches, and the treatment of fluctuating currencies therein. Balance Sheets and Revenue Accounts; their various forms and uses. Systems of organisation and internal check. Prevention of fraud. Modern Systems of Bookkeeping. The Slip System, the Card System, the Loose-Leaf System; their application to both ledgers and books of first entry; their advantages and drawbacks.

S.T.—Tabular Bookkeeping. Joint Stock Companies' Accounts. Outline of the constitution of Joint Stock Companies. Procedure during various stages of a company's career. Opening entries; issue of capital; acquisition of properties.

Calls. Transfers. Forfeiture of shares. Payment of dividends. Conversions. Reduction of capital, &c. Preparation for Audit and the Functions of Auditors. Partial Audits. The nature and utility of Periodical Returns.

BOOKS RECOMMENDED.—Dicksee's *ABC of Bookkeeping*; *Bookkeeping for Accountant Students*; *Bookkeeping for Company Secretaries*.

158 (z). Accounting and Business Methods (Part II.), a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Fridays, at 7 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course a class will be held on Fridays, at 6 p.m., beginning 10th October.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee, for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. M.T.—The Double-Account System described and compared with the Single-Account System: its suitability to various classes of undertakings discussed. Reserve Funds and Reserves: their nature and object. The Investment of Reserve Funds. Secret Reserves. Sinking Funds: their nature, object, and operation. The Depreciation of wasting assets: its nature and the various means by which it may be provided for. Goodwill: its nature and treatment in accounts. Profits: the various meanings attached to the term, and the method of arriving at true profits explained.

L.T.—Partnership Accounts. Income Tax; general outline of Income Tax law. Income Tax returns and assessments; the treatment of Income Tax in accounts. Executorship and Trust Accounts. Bankruptcy and Insolvency Accounts.

S.T.—Liquidation Accounts. The Reconstruction of Companies. Stock Accounts. Stores Accounts. Cost Accounts. Public Accounts. Local Authorities' Accounts. The Accounts of Charitable Institutions. Hire Purchase Agreements. The Interpretation of Accounts.

BOOKS RECOMMENDED.—Dicksee's *Advanced Accounting, Auditing, Depreciation, &c.*, and *Goodwill*; Murray and Carter's *Guide to Income Tax Practice*.

159. Cost Accounts and Efficiency Methods, a course of ten lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Michaelmas Term, beginning 15th October. Fee, 12s. 6d.

Syllabus. Cost Accounts, their nature and treatment. Efficiency, what it is, and how it should be sought.

BOOKS RECOMMENDED.—Dicksee's *Fundamentals of Manufacturing Costs*; *Office Machinery and Appliances*; Casson's *Factory Efficiency*; Taylor's *Principles of Scientific Management*; Emerson's *Efficiency and Twelve Principles of Efficiency*; Gilbreth's *Applied Motion Study and Fatigue Study*; Boyd Fisher's *Industrial Loyalty*.

160 (z). Business Organisation, a course of nineteen lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Lent and Summer Terms, beginning L.T. 21st January, S.T. 28th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. L.T.—The Basis of Business Organisation. The constitution of business houses. The genesis of business enterprise. The financial basis of business undertakings. The elements of finance. Overtrading. Cycles of trade. Business statistics. The organisation of control and responsibility. The connection between records and results. The remuneration of employees. Promotions and Pensions.

S.T.—Markets and Exchanges. Import and Export. Salesmanship. Advertising. The science of buying. Credit operations. Methods of collecting. Co-operation, Profit-sharing, and Industrial Co-partnership, and their bearing upon efficiency. Speculation and its relation to legitimate business. Insurance. The organisation of expanding, contracting, stationary and temporary (or emergency) undertakings.

BOOKS RECOMMENDED.—Dicksee's *Business Organisation* (Longmans); Dicksee's *Business Methods and the War* (Cambridge University Press); Dicksee and Blain's *Office Organisation and Management* (Pitmans).

161. Elements of Administration and the Principles of Organisation, a course of ten lectures by Colonel O'MEARA, on Mondays, at 8 p.m., in Michaelmas Term, beginning 13th October. Fee, 12s. 6d.

Syllabus. Definitions and Explanations of terms: Administration; Management; Organisation. The problems connected with governmental, commercial and industrial enterprises: the six functions in every enterprise. **Methods of Administration:** the Bureau system; the College or Board system; types of College or Board system; characteristics of the various systems. **Bases of Administration:** familiarity with methods; appreciation of uses and limiting capacities of machines; the art of handling men. **Principles of Administration:** a steadfast policy; unity of purpose; division of labour; centralisation of control; decentralisation of execution; the "chain of command"; "liaison" within the organisation; support of subordinate authority; maintenance of discipline; encouragement of initiative; responsibility with accountability; permanency of employment; equitable treatment of employees; regard for social welfare of employees. **Constituents of Administration:** foresight; direction; organisation; co-ordination; control. **Tools of Administration:** "standing" instructions; the bulletin or circular; the Staff Magazine; "standing" committees or councils of employees; Staff conferences; the personal interview; correspondence; the telegraph and the telephone; card index and filing systems; clerical and accounting labour-saving devices; time-recording and cash-register machines; directories and other standard works of reference; periodicals and current literature relating to and connected with the administrative aspects of commerce and industry; the newspaper and periodicals "cuttings" book. **Efficiency in Administration:** the personality of the Chief and the Sub-Chiefs; the skill and loyalty of the employees; utilisation of diagrams, records, statistics, accounts, electric signalling apparatus and machines promoting comfort of employees; chronometrage; system. **Principles of Organisation:** the fundamental rules. **Types of Organisation:** early models; the "military" or territorial model; the functional model; examples of governmental, municipal, commercial and industrial organisations. **Divisions and Sub-divisions in Staff Organisation:** the compartments or "horizontal" divisions in an undertaking or enterprise: the "employments" sub-divisions or "vertical" groups in an undertaking or enterprise; the central or "planning" office; functional foremen; standard tasks; the tool department; classification and symbolisation.

L.—BANKING.

Other lectures of interest to students of Banking are:—Nos. 62 (a, b, c, d, e), 63 (j), 157 and 158.

165 (y). Currency, Banking, and the Money Market, an elementary course of nine lectures by Professor FOXWELL, on Thursdays, at 6 p.m., in Summer Term, beginning 29th April. Fee, 12s. 6d.

Syllabus. The functions of money. The English Mint Regulations. Legal tender. Standard and token money. Parity. The English banking system. Banking methods. The reserve and the discount rate. The Stock Exchange. The foreign exchanges. Commercial and financial crises.

BOOKS RECOMMENDED.—JEVONS, *Money and the Mechanism of Exchange*; RAE, *The Country Banker* (1902 or later edition); CLARE, *A Money Market Primer*; WITHERS, *The Meaning of Money*; DUGUID, *The Stock Exchange*; STRAKER, *The Money Market*; WITHERS, *Money Changing: An Introduction to Foreign Exchange*; BURTON, *Financial Crises*; LAYTON, *Introduction to the Study of Prices*.

166. Foreign Banking, a course of eight lectures by Mr. GREGORY, on Fridays, at 8 p.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

Syllabus. The object of these lectures is to explain in some detail the organisation and functions of the German Banking System, which in some respects differs from that of most other countries and especially from that of the British Empire. The lectures will be grouped round the following main points: (1) The concentration movement in German banking, its character and extent (2) The methods of the German great banks (3) The Colonial banks (4) Reichsbank (5) The co-operative credit banks in town and country (6) The German credit mobilisation. The system as a whole will be contrasted at each stage with the British practice and the available literature will be referred to at the appropriate points.

BOOKS RECOMMENDED.—RIESSER, *The German Great Banks and their Concentration* (U.S.A. Monetary Commission Edn., 1911); LEOPOLD JOSEPH, *The Evolution of German Banking*; OTTO JEIDELS, *Das Verhältniss der Grossbanken zur Industrie*; ADOLF WEBER, *Spekulationsbanken und Depositenbanken*.

167 (a and z). Currency and Banking, Descriptive and Theoretical, with special reference to England, a course of twenty-one lectures by Professor FOXWELL, on Tuesdays, at 12 noon, in Michaelmas and Lent Terms, beginning M.T. 7th October, L.T. 20th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. M.T. Metallic Currency.—The functions and economic significance of money. Various forms of money. Metallic currencies and coinage. The English Mint Regulations and Coinage Acts. Currency deterioration: its causes, measures and remedies. Legal tender; the various systems prevailing in different countries. Methods of maintaining internal equivalence of legal tender moneys. Questions of monetary standard and valuation. Decimal coinage. Exchange Standard Currencies. Method of measuring variations in the value of money.

L.T. Banking and the Money Market.—The functions and economic significance of banking. The general structure and methods of English banking. The cheque system and the Clearing House. Banking investments. The Short Loan Fund. The Money Market: its fluctuations, periodic and other. The reserve and the discount rate. The regulation of the note-issue, and the Bank Acts. Comparison with foreign systems. Recent developments in English banking. General banking statistics. The foreign exchanges. Financial and commercial crises.

BOOKS RECOMMENDED (in addition to those under course No. 165).—JEVONS, *Investigations in Currency and Finance*; NICHOLSON, *War Finance*; SIR D. BARBOUR, *Theory of Bimetallism*; SAUERBECK, *Chart of Prices*; IRVING FISHER, *The Purchasing Power of Money*; CHALMERS, *Colonial Currencies* (for reference); UNITED STATES MINT REPORTS (for reference); EASTON, *Money, Exchange and Banking*; GOSCHEN, *The Foreign Exchanges*; BURN, *Stock Exchange Investments*; CONANT, *Banks of Issue*; LEVY, *Banques d'Emission*; PALGRAVE, *The Bank Rate* (1902 edition); PRATT, *Wall Street*; GIFFEN, *Economic Inquiries and Studies*; WITHERS, *War and Lombard Street*; LAWSON, *British War Finance*; FOXWELL, *Papers on Current Finance*; SPALDING, *Foreign Exchange and Foreign Bills*; DEUTSCH, *Arbitrage* (for reference); TILLYARD, *Banking and Negotiable Instruments* (for reference); INSTITUTE OF BANKERS, *Questions on Banking Practice* (for reference); REPORTS OF THE U.S. MONETARY COMMISSION (for reference); THOMSON, *Dictionary of Banking* (for reference). *The Bankers' Magazine*.

168 (a). The Stock Exchange, Speculative Markets, and other Subjects connected with Banking, a course of nine lectures by Professor FOXWELL, on Tuesdays, at 6 p.m., in Summer Term, beginning 27th April. Fee, 12s. 6d.

Syllabus. The Stock Exchange and its relations with the banking system. Speculation and time dealings. Functions of the speculative dealer, and constitution of the speculative markets. The regulation of dealing. The great international money markets, and some modern problems and developments connected with them.

BOOKS RECOMMENDED.—EMERY, *Speculation on the Stock and Produce Exchanges*; EMERY, *Ten Years' Regulation of the Stock Exchange in Germany* (Yale Review, May, 1908); VAN ANTWERP, *New York Stock Exchange from within*; SCHWABE, *Effect of War on Stock Exchange Transactions*, 1915; SAYOUS, *Les Bourses Allemandes de Valeurs et de Commerce*; REPORTS ON COTTON EXCHANGE METHODS, U.S. COMM. OF CORPORATIONS, 1908-14; various articles by Messrs. Emery, Stevens, Flux, Hooker, Chapman, Lexis, &c.; BURN, *Stock Exchange Investments*; MEADE, *Corporation Finance*; GREENWOOD, *Foreign Stock Exchanges and Company Laws*; REPORTS OF THE U.S. MONETARY COMMISSION.

169 (a). Banking, Descriptive and Theoretical, an advanced course of twenty lectures by Professor FOXWELL, on Tuesdays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 14th October, L.T. 20th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. M.T. Banking and the Money Market.—The functions and economic significance of banking. The general structure and methods of the English banking system. The cheque and the Clearing. Banking investments. The Short Loan Fund and the Bill Market. The Regulation of the note-issue, and the Bank Acts. Foreign Issue System. Money Market Fluctuations, periodic and other.

L.T. Banking and Allied Subjects.—The Reserve Problem: its solution in various countries; the position in Great Britain. The new Federal Reserve system in the United States. Problems connected with the financing of Industry and Agriculture. Foreign methods compared with our own. Recent Developments in English banking. The Foreign Exchanges in Peace and in War. Financial Crises and Commercial Depressions.

BOOKS RECOMMENDED (in addition to those under courses Nos. 167 and 168 above).—WITHERS (and others), *The English Banking System* (U.S. Monetary Commission, Doc. No. 492); DIOURITCH, *L'Expansion des Banques Allemandes à l'étranger*; RIESSER, *The German Great Banks* (U.S. Monetary Commission, Doc. No. 593); HAUSER, *Germany's Commercial Grip on the World*; FILSINGER, *Trading with Latin America*; FEDERAL TRADE COMMISSION, *Report on Co-operation in American Export Trade*, Washington, 1916; SPALDING, *Foreign Exchange and Foreign Bills*; SPALDING, *Eastern Exchange*; AFTALION, *Les Crises périodiques de Surproduction*; LAWSON, *British War Finance*; NICHOLSON,

War Finance; Foxwell, *Papers in Current Finance*; Federal Reserve Board, *Annual Reports and Bulletins*; Parliamentary Papers, Cd. 8567, 1917 (*British Trade Corporation*); Cd. 9052, 1918 (*Bank Amalgamations*); Cd. 9182, 1918 (*Cunliffe Committee*); Cd. 9227, 1918 (*Financial Facilities*).

In this course a general knowledge of currency and banking subjects will be assumed, such as would be possessed by students who had already attended courses Nos. 165, 167 and 168 above. The main purpose of the course will be to deal, more fully than is possible in the morning course, with those aspects of these subjects which may from time to time be of special interest, e.g., with such questions as the financing of English industry and our overseas trade, the recent developments of banking in England and the United States, certain foreign exchange problems and the like.

It is proposed to give a similar course on Currency and Prices in the session 1920-21.

170 (a). The History of Currency and Banking, with special reference to England, a course of thirty lectures, by Professor FOXWELL, on Tuesdays, at 7 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

Syllabus. M.T.—The monetary system in the Middle Ages. History of the English silver pound. The silver famine and the effects of the supplies from the American mines. The controversy on the export of bullion and the Act of 1663. The early goldsmith bankers and the rise of banking in England. The foundation and early history of the Banks of England, Scotland and Ireland. The recoinage of 1696. The guinea and its ratings. Sir Isaac Newton's reports on the currency. The recoinage of 1774. The restrictions on the tender of silver. Lord Liverpool's Report of 1805, and the adoption of the gold standard.

L.T.—The different developments of banking in England, Scotland and Ireland during the eighteenth century. The commercial expansion after 1763. The restriction of cash payments. The Bullion Committee. Lord Stanhope's Act. The resumption of cash payments, and the various currency proposals made in connection with it by Ricardo, Baring and Huskisson.

S.T.—The modifications of the privileges of the Bank of England, and the rise of the English joint stock banks. The Bank Acts of 1844 and 1845. Recent developments in Banking. The gold discoveries of 1848-50. The working of the French monetary system. The movement for metrical unification and international coinage. The Latin Monetary Union. The Battle of the Standards. The International Conferences and their result.

Throughout the course the attention of students will be specially directed to the study of important documents and to the sources of historical information generally.

BOOKS RECOMMENDED.—Ruding, *Annals of the Coinage* (for reference); Dana Horton, *The Silver Pound*; Chalmers, *Colonial Currencies* (for reference); Lord Liverpool, *Treatise on the Coins of the Realm*; Andréadès, *History of the Bank of England*; Powell, *The Evolution of the Money Market 1385-1915*, 1915; Bisschop, *The London Money Market, 1640-1826*; Courtois, *Histoire de la Banque de France*; *Die Reichsbank, 1876-1900*, 1901; *Die Reichsbank, 1876 bis 1910*, 1912; Kerr, *History of Banking in Scotland*; Dillon, *Banking in Ireland*; B. E. Walker, *A History of Banking in Canada*, 1909; Dunbar, *Chapters on the Theory and History of Banking* (Sprague's edition); Hepburn, *History of Coinage and Currency in the United States*; Janssen, *Les Conventions Monétaires*, 1911; Keynes, *Indian Currency and Finance*, 1913; Haupt, *Histoire Monétaire de Notre Temps*, 1886; Russell, *International Monetary Conferences*; Tooke and Newmarch, *History of Prices* (for reference); *Bankers' Magazine* (for reference); *Various Parliamentary and other Reports: especially the Reports of 1810 and 1819*; *Royal Mint, Statutes, etc., relating to the Coinage of the British Empire*; *Reports of the U.S. Monetary Commission* (for reference).

171. Banking and Currency. Seminar by Professor FOXWELL. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

GILBART LECTURES.

The Gilbert Lectures in Banking will in future form part of the curriculum of the London School of Economics and Political Science. The lectures will continue to be given at King's College, however, until there is sufficient accommodation at the school for the very large audiences attending these lectures. Full particulars of the course in 1919-20 will be announced later.

M.—TRANSPORT.

INAUGURAL LECTURE.

175. Railway Professional Education, a lecture by Mr. ACWORTH, on Thursday, 2nd October, at 6.15 p.m. The Right Hon. Sir ERIC GEDDES, G.C.B., G.B.E., M.P., Minister of Transport, in the Chair. Open to the public without fee.

INTRODUCTORY LECTURES.

176 (a). The Geography of the Railways and Seaports of Asia, a course of ten lectures by Professor SARGENT, on Thursdays, at 6.15 p.m., in Michaelmas Term, beginning 9th October. Fee, £1 1s.

Railway students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The lectures will deal with the distribution of the main Railway Systems of Asia and Asia Minor in relation to the physical features and economic activity of the areas which they serve, the location of lines and critical points and the geographical aspect of problems of competition. Ports and waterways will be discussed both in relation to railways and their natural and actual hinterlands, and in relation to the shipping and trade of the sea routes of which they form the terminal points.

The lectures will be illustrated by photographs and specially drawn maps shown in the Episcopate.

177. Railway Rates and Fares, a course of ten lectures by Mr. STEPHENSON, on Wednesdays, at 6.15 p.m., in Michaelmas Term, beginning 8th October. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Early History. Comparison with Roads and Canals. Rates for Traffic by Goods Train—Maximum Rates and Charges for Conveyance and for Terminals. Classification of Merchandise Traffic. Class Rates. Special Rates. Local, Through and Group Rates. Rates for Traffic by Passenger Train.—Milk Traffic. Perishable Merchandise. Parcels Traffic. Owners' Risk. Newspapers. Horses and Carriages. Passenger Fares.—Ordinary. Duty on Passenger Fares. Tourist. Excursion. Week-end. Pleasure Parties. Season and Traders' Tickets. Workmen's Tickets.

BOOKS RECOMMENDED.—Marriott, *The Fixing of Rates and Fares*; General Railway Classification of Goods by Merchandise Trains.

178 (a). The Railway System as a Wealth-creating Machine, a course of ten lectures by Mr. BURTT, on Tuesdays, at 6.15 p.m., in Lent Term, beginning 20th January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The Railway Service.—The greatest of all national services. The meaning of Service. A great organisation for the creation of values. The Romance of the Service.—Grades and ranks; from office boy to President of the Road. The General Manager. The Necessary Routine of a Large System. The Various Grades of Railway Service.—Examine Census Returns sent to Board of Trade. Functions of each principal grade. Hours, Wages, and

Conditions. Drivers and Locomotives.—Difference between freight and passenger engines. Loads and speeds. Daily and yearly mileage of engines. The Railway Train and its Conductors or Guards.—The daily journal of a passenger or goods guard. Attaching and detaching vehicles. Signals and Signalmen.—Single and double lines. Block working. Automatic safety appliances. The Station Master and the Goods Agent. Organisation of a Goods Warehouse.—Functions of checkers, loaders, porters, capstanmen.

179. The History of Transport in England, with special reference to Railways, a course of ten lectures by Mr. CLEVELAND-STEVENS, on Fridays, at 6 p.m., in Lent Term, beginning 16th January. Fee, 12s. 6d.

London teachers, who will have precedence should it be necessary to limit the class, may obtain admission through the Education Officer, L.C.C. Education Department, Victoria Embankment, W.C. 2, to whom they should apply for particulars of special terms.

Syllabus. Transport conditions in the 18th century. The roads and the turnpike system. The canal era; Brindley and the Duke of Bridgewater; the Liverpool and Manchester and the Grand Trunk Canals. Canal profits and speculation. Scientific road-making by Telford and Macadam. Turnpikes an obstacle to improvements. Their decline and abolition. Early railways and the introduction of the locomotive engine. The Stockton and Darlington and the Liverpool and Manchester Railways. Progress and speculative promotion in the forties; the railway mania and crisis. Decline of the canals. Formation and growth of the great railway companies of to-day. The Railway Clearing House. Railway and canal legislation. Parliament's attitude to questions of amalgamation and rates. Competition and combination—the present position. Review of transport systems abroad; varying forms of nationalisation and control and their applicability to English conditions and to a Parliamentary system of Government.

ADVANCED LECTURES.

180 (a). The Principal Factors in Railway Operating, a course of twenty lectures by Mr. BURTT, on Wednesdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The Gross Train Load. The Freight Train Load. The Passenger Train Load. The Passenger Car Load. The Capacities and Limitations of Locomotives. Train Speeds. The Guard's Journal. The Driver's "Ticket." Wagons and Tares. The Wagon Load. The Yard Master and his Staff. Trans-shipping Problems; Local and Through Working of Wagons. The Principle of Control in Train Working. Train Masters and the Train Control System. Wagon Control. Distribution of Locomotive Power. The Organisation of a Goods Warehouse. Labour Saving Devices Generally. Safety Appliances and Automatic Devices. Principles of Signalling. Single Line Working. American Train Loads. Can English Train Loads be Increased with Advantage?

BOOKS RECOMMENDED.—C. P. Mossop, *Railway Operating and Statistics*; E. R. Johnson, *American Railway Transportation*; Harry G. Brown, *Transportation Rates and their Regulation*; *Appendices to Working Time Tables, and Lists of Engine Loads.*

181. The Commercial Side of Railway Economics, a course of twenty lectures by Mr. STEPHENSON, on Fridays, at 8 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd October, L.T. 16th January. Fee, £2 2s.

Students attending this course may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Organisation. Capital and Expenditure. Gross and Net Receipts. Analysis of a Railway Report. Growth of passenger traffic. Passenger Fares. Season Tickets. Workmen's Tickets. Goods rates. Theory of Railway Rates. Rate Making in Practice. Maximum rates and charges. Special rates. Discrimination. Classification of Goods. Railway Clearing House. State control of rates. Competition. Traffic Pools. State ownership of railways.

BOOKS RECOMMENDED:—A. T. Hadley, *Railroad Transportation*; W. Z. Ripley, *Railroads; Rates and Regulations*; Railway Problems; T. F. Woodlock, *Anatomy of a Railroad Report*; Sir George S. Gibb, *Railway Nationalisation*; L. G. McPherson, *Railroad Freight Rates*.

182 (a). The Basis of Railway Rates and Charges, a course of twenty lectures by Mr. BURTT, on Thursdays, at 8 p.m., in Michaelmas and Lent Terms, beginning M.T. 2nd October, L.T. 15th January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Various Theories. Equal mileage; the basis of cost; "what the traffic will bear"; the maintenance of Geographical advantage. Classification of Traffic.—History of Legislation; the Statutory and the Clearing House Classification. Parliamentary Maxima and actual Scale Rates. The Provisional Orders of 1891 and 1892.—Class Rates and Special Rates. Terminal Charges as distinguished from Conveyance Rates. Parcels and Coaching Traffic—Scales and Rates. The Parcel Post System. The Railway Clearing House. Passenger Fares.—The History of penny-a-mile fares; fares on the Continent. Excursion fares, pleasure parties, kilometer books, zone fares and other special arrangements. Freight Rates in America.—Problems of Undue Preference or "Discrimination." The Long and the Short Haul. Export and Import Rates. American Zones and Continental arrangements. The "Blanket" Rate System irrespective of distance. The Inter-State Commerce Commission. Continental Arrangements in regard to Freight Rates. A comparison of arrangements—America, England, Germany.

BOOKS RECOMMENDED.—H. Marriott, *The Fixing of Rates and Fares*; W. Z. Ripley, *Railway Problems*; W. M. Acworth, *Elements of Railway Economics*; Harry G. Brown, *Transportation Rates and their Regulation*.

183. Economics of Railway Construction and Locomotive Operation, a course of twenty lectures by Mr. STEPHENSON, on Mondays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 19th January. Fee, £2 2s.

Students attending this course may write essays for the lecturer.

Syllabus. Railway Construction.—Estimation of volume of traffic; situation of stations in relation to sources of traffic. Distance.—Relation of distance to cost of construction, maintenance of way and equipment, and traffic working; effect of distance on rates and receipts. Curvature.—General objections to curvature; risk of accident; effect on traffic; limitation of speed; effect on operating expenses; maintenance of way and rolling stock; estimate of total effect per degree of central angle; compensation for curvature; transition curves. Gradients.—Effects of gradients; meaning of "rise and fall"; classification of minor gradients; their effect on cost of maintenance of permanent way, rolling stock, and operating traffic; ruling gradients; maximum trainloads on any gradient; effect on cost of conducting transportation; pusher gradients; balancing gradients for unequal traffic. Rails.—Rail wear; rail wear on curves. Sleepers.—

Causes of deterioration; effect of chemical treatment; comparison of sleepers of different materials. Locomotive Operation.—Inertia.—Starting and stopping; centrifugal force on curves. Steam Action.—Work of Steam; quantity of steam. Resistance.—Rail friction; rolling friction; journal friction; train resistance; journal resistance; wind resistance; speed resistance; grade resistance; curve resistance. Brakes.—Retardation by brakes; power consumed. Steam Capacity.—Heating surface; grate area; maximum horse power. Hauling Capacity.—Tractive force at low and high speeds; loads of goods engines at low and high speeds; starting and stopping. Water Consumption.—Quantity of water used; carriage of water; water scoops; quality of water. Fuel Consumption.—Quantity of coal used; effect of load and speed. Costs of Operation.—Compared with traffic work done.

No more mathematics will be included in the course than are essential.

BOOKS RECOMMENDED.—W. H. Mills, *Railway Construction*; W. L. Webb, *Railroad Construction*; Economics of Railroad Construction; D. Drummond, *Lectures on the Working of Locomotive Engines*; G. R. Henderson, *Locomotive Operation, Cost of Locomotive Operation*.

184. The Railways in relation to the State, a course of twenty lectures, by Mr. BURTT, on Wednesdays, at 4.30 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending the lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. What we mean by Nationalisation. The idea of the Nation, the State, etc. Railways and the Commonwealth. Railway Systems in various Countries. Belgium—development of Railways and State ownership. Holland—State ownership, independent management, but united control. Germany—The classic example of State ownership and Management; history and development. Organisation and Regulation of the German Railway System; results. Austria-Hungary and her Railway System. State Railways in Italy; history and present position. France and the principle of State Control. Switzerland—Nationalisation. Railways in America; State and Federal Control, but private ownership. The regulation of railway rates in America and the Interstate Commerce Commission. State intervention in England; the Board of Trade; the Railway and Canal Traffic Commission; provision of adequate facilities; safety appliances; hours and conditions of Railway Servants. The relationships between Railway and State in Australia, Canada, India and China.

BOOKS RECOMMENDED.—W. Z. Ripley, *Railway Problems*; E. A. Pratt, *Railways and their Rates*; H. Raynor Wilson, *The Safety of British Railways*; Blue Book Reports to the Board of Trade on Railways in Germany, Austria, Holland, Belgium and Italy; *Statesman's Year Book*, etc.

185. European Railways, a course of twenty lectures by Mr. STEPHENSON, on Fridays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd October, L.T. 16th January. Fee, £2 2s.

Students attending this course may write essays for the lecturer.

Syllabus. A comparative study of the railways of Germany, France, Austria-Hungary, Belgium and Italy. EARLY HISTORY.—Part played by private enterprise. State assistance. State construction and working. GROWTH OF THE GREAT RAILWAY SYSTEMS.—Increase in State ownership. International traffic. Competition. State control over privately owned railways. Advisory councils. Taxation of railways. Railway profits in relation to capital cost. GOODS TRAFFIC.—Goods tariffs. Classifications. Regulations for carriage.

Special rates. Preferences to export traffics. Regulation of rates competitive with inland water transport rates. Cartage. Other extra-railway services. Periods for transport. PASSENGER TRAFFIC.—Passenger fares. Ordinary. Special. Passenger train services. Parcels traffic.

BOOKS RECOMMENDED.—*Continental Railway Investigations (Reports to the Board of Trade)*; C. Colson, *Transports et Tarifs*.

186 (a). The Law of Carriage by Railway, a course of twenty lectures by Mr. W. VALENTINE BALL, on Wednesdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. I. **The Carriage of Goods.**—The rights and liabilities of the common carrier. The Carriers Act. The Railway and Canal Traffic Act, 1854. Special contracts of carriage. The ordinary conditions of a consignment note. Stoppage *in transitu*. Through traffic. Rights and liabilities after completion of transit. Rates. Recovery of charges. Animals. Passengers' luggage. Reasonable facilities. Undue preference.

II. **The Carriage of Persons.**—Responsibility for the safety of passengers and others. Negligence and contributory negligence. The contract with the passenger. The ticket and the time-table. Through tickets. Bye-laws and offences.

BOOK RECOMMENDED.—Disney, *The Law of Carriage by Railway*, 4th ed.

SPECIAL LECTURES.

187 (a). General Economics, with special reference to Transport, a course of ten lectures by Mr. STEPHENSON, on Fridays, at 4.30 p.m., in Michaelmas Term, beginning 3rd October. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Introduction.—Subject matter of Economics; Methods of Economics; Application to Railways and Shipping. **The Demand for Commodities and Services.**—Law of Diminishing Utility; Individual and Market Demands; Elasticity of Demand with special reference to Transport services; Joint character of an Individual's Demands. **Agents of Production.**—Land, Labour, Capital, Organising Power. **Law of Decreasing Returns.**—Application to Labour; Application to a railway undertaking when the capacity of a line is reached; Overcrowding and Congestion. **Law of Increasing Returns.**—Economics of large scale production; Growth in Density of Traffic; Development of Subsidiary Industries, *e.g.*, Docks, Hotels, etc., owned by railway company; Limitations to the Law; Joint Products. **Industrial Combinations.**—Causes of Railway Combinations; Types of permanent combinations; Types of temporary combinations; Associations to further Common Interests, *e.g.*, Railway Clearing House and Railway Conferences; Effects of Railway Combinations on companies outside the combinations and on the General Public; Shipping Rings. **Determination of Prices.**—Under competitive and monopoly conditions; Definition of value; Market price; long-period and short-period prices, *e.g.*, Class Rates and Special Rates for particular Contracts; Uniform and Differential charges as exemplified by railway rates; Cost of supplying Railway services as a factor influencing their prices; Demand for Railway services as a factor influencing their prices.

188 (a). Passenger Transport in Great Cities, a course of ten lectures by Mr. STEPHENSON, on Wednesdays, at 6.15 p.m., in Lent Term, beginning 21st January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The problem of transporting the worker between place of business and home; other business travel; pleasure travel; growth of travel habit. The means of travel; railways; tramways; omnibuses; taxi-cabs. The road problem. Capital costs. Private enterprise. Municipal enterprise. Municipal participation in private enterprise. Services; fares; operating costs; taxation. The problems as they appear in London, Paris, Berlin, New York, and certain other great cities will be compared.

189. Seminar for advanced students by Mr. STEPHENSON. Times to be arranged with students. Admission to the Seminar will be exclusively by permission of Mr. Stephenson.

Open to students paying either the Composition Fee or the Research Fee.

MODERN LANGUAGES.

LANGUAGES FOR THE DEGREE IN COMMERCE AND THE
COMMERCIAL CERTIFICATE.

By arrangement between the London School of Economics and King's College, classes will be arranged at King's College in French, German and Italian, to suit the time-tables of students who are taking their other subjects at the London School of Economics.

FRENCH.

Matriculation standard will be assumed.

Courses will be held for Day Students—Monday, 4-5; Friday, 4-5.
" " " " " Evening Students—Tuesday, 6-7; and
Thursday, 7.15-8.15.

GERMAN AND ITALIAN.

Matriculation standard will not be assumed.

Courses will be held if desired for Day Students five afternoons a week; for Evening Students two hours a week on Tuesday and Thursday evenings.

Students who have reached Matriculation standard will be taken in existing classes, with one hour a week extra for the commercial side of the work.

Courses in Spanish, Portuguese, Rumanian, Modern Greek, Russian, Polish, and other Slavonic Languages can also be taken at King's College. Courses in Norwegian, Swedish and Danish can be taken at University College, and in Dutch at University College and Bedford College. Courses in Oriental Languages can be taken at the School of Oriental Studies, Finsbury Circus.

LANGUAGES FOR STUDENTS WORKING FOR THE DEGREE OF
B.Sc. (ECON.).

Courses in French and German for students working for the degree of B.Sc. (Econ.) are being arranged at King's College at the following times:—

FRENCH—Monday, 5-6; Wednesday, 4-5.

GERMAN—Monday, 5-6; Wednesday, 5-6.

An Advanced Class may also be held on Tuesday afternoon.

**SPECIAL COURSES OF COMMERCIAL TRAINING
FOR EX-SERVICE STUDENTS.****COURSE I.****SYLLABUS AND TIME-TABLE.**

Mondays, 10.30 a.m. **Industrial Economics and Psychology.**

HENRY CHELLEW, Ph.D., D.Sc.

The Science of Industry and Commerce; The Sources of Efficiency; Functional Management; The Problem of Supervision; Direction and Control; The Human Factor; Industrial Psychology; The Problem of Discipline; Time, Energy, and Money; Handling and Training the Staff; Marketing the Product; Post-War Problems in Commerce.

Tuesdays, 10.30 a.m. **Business Organisation and Administration.**

Professor LAWRENCE R. DICKSEE, M.Com., F.C.A.

General Introduction; The Constitution of Business Houses; Partnerships; Companies; Ententes and Alliances of (a) Men, (b) Masters; Business Terms and their Meanings; Business Finance; Capital and Revenue; The Organisation of Credit and Payments; Bills of Exchange; Cheques; The Stock Exchange; Secretarial Work; Meetings; Reports, Agenda, and Minutes.

Wednesdays, 10.30 a.m. **Commercial Law.**

Captain REGINALD NEWTON, R.A.S.C.

Sale of Goods; Nature of Business Contracts; Who may Contract; What Constitutes Offer and Acceptance; Void and Voidable Contracts; Bankruptcy and Bills of Sale; Master and Servant; Bailment; Carriers.

Wednesdays, 2.30 p.m. **Lectures on various subjects by well-known authorities.**

(Particulars will be announced.)

Thursdays, 10.30 a.m. **Accounting and Business Methods.**

Professor L. R. DICKSEE.

The Aims of Accounting; The Meaning of an Account; Debit and Credit; The Theory of Double Entry; The Trial Balance; "First Entry" Records; Capital and Revenue; Balance Sheets and Profit and Loss Accounts; The "Double Account" System; Depreciation; Trading Accounts; Stock Accounts; Modern Methods of Accounting without Books; Sectional Balancing.

Fridays, 10.30 a.m. **Commerce and Commercial Geography.**

Professor A. J. SARGENT.

The Exchange of Goods, Markets, Speculation, Prices, Costs of Transport and Marketing, Freight Rates, Prices and Values, Payment for Goods, International Indebtedness.

The geographical distribution and supply within the British Empire of some of the more important foodstuffs and raw materials of Industry, with special reference to the position and needs of the United Kingdom.

Classes will be held in connection with each of the above courses of lectures, at 2.30 p.m.

COURSE II.

SYLLABUS AND TIME-TABLE.

Mondays, at 12 noon. **The Commercial Relations of the chief European Countries before the War.**

Professor A. J. SARGENT.

The Geographical Basis of the Internal Trade of Europe; Deficits of Continental Europe supplied from the outside world; The Work of British Shipping; Europe as a Market for the United Kingdom; The Coal Trade and its Importance; The Demand for Manufactures; Competition; Transport and Tariffs; Financing of Industries and Trade; Peaceful Penetration: The Relations of Central Powers with neighbouring areas.

Tuesdays, at 12 noon. **Business Organisation.**

Professor LAWRENCE R. DICKSEE.

The Remuneration of Employees: Credit Records and the Handling of Bad Debts: Selling; Advertising: Buying: Cycles of Trade: Speculation in relation to Business: Hedging: Insurance: The General Organisation of Expanding, Contracting, and Temporary Businesses compared: State Regulation of Trade and Industry.

Tuesdays, at 2.30 p.m. **Banking, Currency and Exchange.**

T. E. GREGORY, B.Sc. (Econ.)

The Functions of Money and Types of Money: The Functions of the Banker: Banking Business as revealed by the Analysis of Banking Balance Sheets: The Bank of England: The Bank Rate: Foreign Exchanges.

Wednesdays, at 12 noon. **Industrial Economics and Psychology.**

Dr. HENRY CHELLEW.

The Science of Organisation: The Scientific Method applied to Industry: Internal Organisation: The General Manager and his Functions: The Human Factor in Management: Staff Training: Psychology as applied to Industry: Methods of Increasing Efficiency: Men, Money and Machinery: Vocational Adaptation: The Nature of Industrial Regimentation: Scientific Distribution.

Wednesdays, at 2.30 p.m. **Lectures on various subjects by well-known authorities.**

(Particulars will be announced.)

Thursdays, at 12 noon. **Accounting and Business Methods.**

Professor LAWRENCE R. DICKSEE.

Methods of Balancing: Branch Accounts: Foreign Currencies and Accounts: Foreign Branches: Systems of Internal and External Check: Precautions against Fraud: Tabular Bookkeeping: Periodical Returns: Reserves and Reserve Funds: Goodwill: Profits: Partnership Accounts: Capital Reorganisations: Cost Accounts: Criticism of Accounts.

Thursdays, at 2.30 p.m. **Modern Labour Problems. (6 Lectures.)**

Mr. T. E. GREGORY.

1. The Structure and Government, Methods and Objects of Trade Unions: Relations between Employers and Employed: Conciliation Boards and Joint Industrial Councils: Scientific Management, Premium Bonus Systems and the attitude of Labour: Welfare Work, Co-Partnership, Profit Sharing: Special Causes of Industrial Unrest due to the War: The Social and Economic Ideals of the Labour Movement.

Thursdays, at 2.30 p.m. (later). **Company Law and the Company Secretary's Duties. (6 Lectures.)**

Captain REGINALD NEWTON.

Fridays, at 12 noon. **Commercial Law.**

Captain REGINALD NEWTON.

Principal and Agent: Executorships and Trusts: Bills of Exchange, Bills of Lading, and other Negotiable Instruments: Persons under Disability: Partnerships: Insurance, Limitations of Actions; Remedies.

From time to time (as opportunity offers) arrangements will be made for Officers to visit various well-known places of business, when demonstrations of practical business operations will be given.

SCHOOL CERTIFICATES.

Certificates of Studentship are awarded under the authority of the Professorial Council to students in certain departments of work. The following groups have already been sanctioned:—

1.—GEOGRAPHY.

Certificates are awarded to students who desire to specialise in Geography without taking the wider course of study prescribed for students proceeding to a degree in the Faculty of Economics and Political Science. Such students must have *either*

- (a) Followed the Intermediate Course in Geography at the School or
- (b) Satisfied the authorities in some way that they have acquired a sound elementary knowledge of the subject.

The normal course for the Certificate extends over two years, during which students must attend

- (a) A Map Class. (No. 83 or 84.)
- (b) Classes in Detailed Geography. (Nos. 85 and 86.)
- (c) Courses in Historical Geography. (Nos. 91 and 92.)

Students must pass examinations in General Geography and Map Reading and submit a thesis based on a detailed study of a selected area in the United Kingdom including work on the ground.

Students able to devote the whole of their time to the study of Geography may apply for special permission to take the certificate course in one year.

The examination for the Certificate in Geography will be held on Wednesday and Thursday, 23rd and 24th June, 1920, from 10 a.m. to 1 p.m.

For examination papers set in 1914 see the School Calendar, 1914-15.

2.—COMMERCE.

Arrangements have been made between the London School of Economics and King's College, which stand within five minutes of one another, for a joint system of teaching in Higher Commercial Subjects. The chief modern languages commercially important are taught at King's College and the remainder of the subjects at the London School of Economics. At the conclusion of the course, which will extend over a *minimum* period of two years, a certificate will be issued by the School of Economics to students whose work has been satisfactory, and who have passed the necessary examinations. This certificate will be endorsed by the authorities of King's College for the languages which have been studied to their satisfaction.

The Courses of Instruction have been selected in the main from the Curricula for the B.Sc. (Econ.) and B.Com. Degrees, and the work done for these certificates will therefore be of a University character. The idea is that daily work in the office, if supplemented by teaching designed to widen the outlook of the student, may fairly be regarded as the equivalent of the laboratory work and lectures of the science student or the library work and lectures of the literary student.

ADMISSION OF STUDENTS TO THE COURSE.

Students desiring to commence a course of study with a view to this certificate must either:—

- (a) Have passed some examination implying a sufficient secondary education, or produce a satisfactory letter from the head master or mistress of a secondary school, or
- (b) Be not less than 20 years of age, and have had three years' experience in a business office, or
- (c) Be not less than 23 years of age.

CURRICULUM.

A course of study will be prescribed for each candidate for the certificate individually. The course will vary according to the circumstances of the candidate.

The first year's course will include, as a minimum, the following lectures:—Commercial Law, Part I. (No. 62); Accounting and Business Methods, Part I. (No. 157); The Organisation of English Foreign Trade (No. 141); The Elements of Commerce (No. 140); Currency, Banking, and the Money Market (No. 165); Economic History: The Growth of English Industry, with special reference to the period after 1760 (No. 55); First Principles of Economics (No. 5); Geography (Intermediate Course) (No. 82).

In the second year the entire course of study will be planned with variations to suit the needs of each candidate. Selection will be made from the following and other lectures:—Coal, Water and Oil as Sources of Power (No. 144); Markets and Market Organisation (No. 145); Currency and Banking, Descriptive and Theoretical, with special reference to England (No. 167); the Stock Exchange, Speculative Markets and other subjects connected with Banking (No. 168); General Economics, with special reference to Transport (No. 187); Business Organisation (No. 160); Accounting and Business Methods, Part II. (No. 158); Commercial Law, Part II. (No. 63). Lectures by business men on their special subjects, such as are arranged from time to time.

Students unable to give their full time to study may spread their course over as long a period as is necessary.

LANGUAGES.

The time-table of the first year of language instruction at King's College is as follows:—

FRENCH.

Matriculation standard will be assumed.

Classes will be held for Day Students:—Monday, 4—5; Friday, 4—5.

Evening Students:—Tuesday, 6—7; and Thursday, 7.15—8.15.

GERMAN, ITALIAN, SPANISH, PORTUGUESE, ROUMANIAN, RUSSIAN, POLISH and MODERN GREEK.

Matriculation standard will not be assumed.

Classes will be held if desired for Day Students for 5 hours a week in the afternoons; for Evening Students 2 hours a week on Tuesday and Thursday evenings.

Students who have reached Matriculation standard will be taken in existing classes, with one additional hour a week for the commercial side of the work.

3.—A CERTIFICATE is also awarded in the **RATAN TATA DEPARTMENT OF SOCIAL SCIENCE AND ADMINISTRATION** of the University of London.

The Ratan Tata Department of Social Science and Administration is intended for those who wish to prepare themselves to engage in the many forms of social and charitable effort.

While the lectures are open to all who wish to attend them, on payment of the fees, candidates for the certificate in the Department give their whole time to the work for at least one session, during which they are under the guidance and direction of a special staff of supervising tutors. The course includes both practical and theoretical work, about half the time being devoted to each. In their practical work the students are placed under experienced administrators in all parts of London, and thus obtain some knowledge of the conditions of life in a great industrial centre, and of the various methods of social effort, alike in the administration of charitable resources and in the work of Municipal or State Departments. For full particulars see the special pamphlet published by the Department. The advanced students are also enabled to take part in certain branches of social research.

By these means the students acquire first hand experience of the difficulties to be dealt with and of the different ways in which effort is now directed to meeting them. In their theoretical work the students obtain, through lectures, classes, reading, and individual tuition, a knowledge of the relation of present conditions and efforts to the past history of industrial and social life, and to the generalisations of Economic Science and Sociology. It is necessary that students desiring to take the full course should possess a good general education. It is not essential that they should be graduates of a University; but, as the greater part of the instruction is of a post-graduate character, they must be qualified, by education and general knowledge, to rank with graduates if they wish to take the full course and to obtain the certificate which is given at the close.

There is no fixed age which students must have reached before entering upon the course; but it is generally inadvisable for anyone to begin the work before 21.

A certificate is granted, after examination, on the whole year's work.

The last printed examination papers are to be found in the School Calendar for 1914-15.

UNIVERSITY DIPLOMAS.

The University grants Academic Diplomas

(i.) in GEOGRAPHY.

(ii.) in SOCIOLOGY AND SOCIAL ADMINISTRATION.

(i.) The course of study leading up to the Academic Diploma in Geography is the same as that prescribed for the School's certificate in Geography, with the addition of Physical Geology, Geomorphology, Climatology, and the use of instruments, subjects which may be studied at University College.

(ii.) The course of study leading up to the Academic Diploma in Sociology and Social Administration is that prescribed for the certificate of the Ratan Tata Department of Social Science and Administration, with, in addition, certain subjects chosen from other departments of the School's work. The course of study must extend over two years.

Full particulars may be obtained on application.

THE UNIVERSITY OF LONDON.

ADMISSION TO THE UNIVERSITY.

Students become members of the University of London and entitled to proceed to degrees (i) by passing the University Matriculation Examination (or the alternative form of this known as the Senior School Examination), (ii) as undergraduates under Statute 116 without examination under conditions of exemption from Matriculation specified by the University,* or, if graduates of other approved Universities, (iii) either (a) as undergraduate students, Internal or External, under Statute 116, or (b) as graduate students, Internal, intending to proceed to a higher degree, under Statute 113.

MATRICULATION.

Three Matriculation Examinations are held annually. They begin respectively on September 15th, if that day be a Monday, or if not, on the Monday next preceding the 15th; one on the second Monday in January; and the third on the second Monday in June. Candidates will not be approved by the Examiners unless they have shown a competent knowledge in:—(1) English, (2) Elementary Mathematics, (3) a Language, either ancient or modern, and (4) two other subjects to be selected from a list given in the *University Calendar*. Full details as to the time and the manner of entering for the Examination, and the order of the papers, are given in the *Matriculation Regulations*, which may be obtained on application to the External Registrar, University of London, South Kensington, S.W. 7. The fee for the Examination is £2 2s.

Persons of nineteen years of age and upwards who present (a) Certificates of Matriculation in Colonial Universities,† or (b) Indian†

* A list of examinations and the conditions under which they are accepted by the University of London in lieu of Matriculation is published by the University. Among these are, under certain conditions, the School Examination (Matriculation Standard), the Oxford and Cambridge Senior Local Examinations, the Previous Examination of the University of Cambridge, the examinations for the Scottish School-leaving Certificate, for the Senior Grade Certificate of the Intermediate Education Board for Ireland and for the Higher Certificate of the Oxford and Cambridge Schools Examination Board. Approved War-service also entitles to certain exemptions in respect of Matriculation.

† Diplomas of Degrees granted by recognised Colonial or Indian Universities entitle the holders thereof, under Statute 116, to registration as Matriculated students without further examination.

or foreign Certificates from an Academical or other educational authority, which in the opinion of the Principal indicate that they have attained a standard *prima facie* involving an education equivalent in their own country to that required in England for Matriculation in this University, may apply for examination before the Board of Examiners under Statute 116 instead of at the Matriculation Examination. This examination can only be held at the University in London. Persons desirous of appearing before the Board of Examiners under Statute 116 instead of taking the ordinary Matriculation Examination must apply to the External Registrar for a special form of Entry, stating what Certification they are prepared to produce. This Form of Entry must be returned to the External Registrar accompanied by a Certificate of Age, by the Certification aforesaid and a translation thereof where the Certification is not in English, and a fee of £4 4s.

For further information application should be made to the External Registrar, University of London, South Kensington, London, S.W. 7.

STATUTE 113. Statute 113 provides that 'the Senate may admit graduates of or persons who have passed the Examinations required for a degree in other Universities approved by it for that purpose as Internal students and as candidates for any of the higher degrees (except in Medicine and Surgery) without their having previously taken any lower degree.'

This statute concerns only Internal students who are working for one of the higher degrees, and will be dealt with later. (See p. 113.)

STATUTE 116. Statute 116 provides that 'every candidate for admission as a student of the University shall pass such entrance or matriculation examination, or fulfil such other tests of fitness to be admitted as a student as may be from time to time prescribed.'

Under this Statute graduates of British and other Universities approved by the Senate for that purpose, and those who have passed examinations for degrees in those Universities, including women students of Oxford or Cambridge, also students holding certain certificates specified by the University, may on application be registered as students, either Internal or External, on payment of the Registration Fee of £3 3s., without passing the Matriculation Examination. In the case of such students, the period of three years, which by the Statutes must elapse between Matriculation and the Final Examination for a degree, is reckoned from the last Matriculation Examination before

registration. [Oxford and Cambridge Graduates in First or Second Class Honours can, under the terms of Statute 120, be admitted to their degree Examination as External students after two years from their Registration.]

COURSES AT THE SCHOOL OF ECONOMICS FOR FIRST DEGREES IN THE UNIVERSITY OF LONDON

FOR THE B.A. Students in the Faculty of Arts will find a large number of courses at the School of Economics in the subjects prescribed for them. These have reference chiefly to Modern History, History of Political Ideas, Sociology, Geography, and Economics, including Economic History.

For the Final (Pass) B.A. Examination four subjects must be chosen from a prescribed list, which includes Modern History and Economics. These two subjects are more than covered by many of the courses at the School.

For the Final (Honours) B.A. Examination there are the History courses at the School included in the London University Inter-collegiate scheme of Historical Study as well as the University lectures on Sociology, delivered at the School of Economics. (See pp. 43 and 62.)

In Economics the University prescribes for the B.A. Examination the following subjects, all of them amply covered by the School courses (see p. 32):—

Economics, Analytical and Descriptive, with special reference to the United Kingdom.

To include:—

- (a) The scope and character of Economic Enquiry; Industrial Organisation, Relations of Employer and Employed, Conditions of Industrial Efficiency; Theory of Value and Markets; Rent, Interest, Wages and Profits, and the Distribution of Wealth generally.
- (b) Money; Currency; Banking; Credit; Commercial Fluctuations; Foreign Trade; Taxation; National Debt; Outlines of the Economic Development of Great Britain from 1760.

Students in the Faculty of Laws have open to them **FOR THE LL.B.** not merely the lectures given at the School, but also under the inter-collegiate system the lectures at University and King's Colleges. Particulars of these lectures will be found at p. 48. The courses offered by the three institutions together afford instruction in every subject required for the LL.B., both Intermediate and Final. For the Composition Fee in the Law Faculty see p. 28. A special prospectus of the combined Law Courses will be sent on application to the Secretary of the School of Economics.

There are two examinations for the degree of Bachelor of Science in the Faculty of Economics and Political Science. These are known as the **FOR THE B.Sc. (ECON.)** Intermediate and the Final Examinations, and the subjects are the same for Internal and External students. Normally, they are taken respectively at the end of the first and of the third year from Matriculation, but students who cannot, or do not wish to, present themselves for the Intermediate Examination at the end of their first year may devote a longer period to this stage of their University work, and yet proceed to the degree at the end of their third year if successful in their Intermediate Examination. Under ordinary circumstances, however, such students are recommended to spend four years upon the course.

THE INTERMEDIATE EXAMINATION FOR THE B.Sc. (ECON.).

The Intermediate Examination is held once a year, and is the same for Pass and Honours candidates. Students of the School of Economics who have completed their courses of study at the School take a Special Intermediate Examination, which in 1920 will be held in the week commencing Monday, 12th July, and will occupy most of the mornings and afternoons of that week. Papers set in the Special Intermediate Examination of 1914 are to be found in the School Calendar for 1914-15.

The fee for each student is £5 5s. for each entry to the whole Examination, and £2 12s. 6d. for re-examination in one subject.

The course of study at the London School of Economics for the Intermediate Examination extends throughout the three terms of the session, but there will be no lectures on Whit Monday. The course is duplicated in order to meet the convenience both of **day** students

who can devote themselves wholly or in large measure to study and of **evening** students who are otherwise occupied during the daytime. In the case of evening students the work commences with the 6 o'clock lecture. Evening students are not recommended to attempt the Intermediate Examination in one year, unless, after consultation with the Director, they are found to have a sufficient preliminary knowledge, especially of a modern language. If they extend their preparation over two years they need not attend at the School on more than two evenings in the week, and will have ample time for the necessary addition to their equipment. But it is essential that their attendance at the courses of lectures on any one of the subjects should be continuous, and completed within a single session.

FIRST YEAR (INTERMEDIATE).—DAY.

Beginning Thursday, 2nd October.

This course covers all the ground prescribed for the Intermediate Examination. The only choice offered is between Logic and Mathematics.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83.
<i>Tuesday:</i>			
11.0 a.m.—1.0 p.m.	Geography	Major JONES and Miss RODWELL JONES	82
<i>Wednesday:</i>			
10.45 a.m.	Economic History	Dr. KNOWLES	55
12.0 noon	M.T. Local Government	Mr. LEES SMITH	40
12.0 ..	L.T. Foreign Trade	Mr. GREGORY	141
<i>Thursday:</i>			
11.0 a.m.—1.0 p.m.	Mathematics	Prof. BOWLEY	18
or 11.0 .. —1.0 ..	Logic	Dr. WOLF ..	19
6.0 p.m.	S.T. Currency and Banking ..	Prof. FOXWELL	165
<i>Friday:</i>			
11.0 a.m.	Central Government	Mr. LEES SMITH	29
12.0 noon	Economic Theory	Prof. CANNAN	1
2.30 p.m.	Economic History (Class) ..	Mr. GRIMSHAW	55
	<i>Alternating with</i>		
2.30 ..	Economic Theory (Class) ..	Mr. DALTON	1

FIRST YEAR (INTERMEDIATE).—EVENING.

Beginning Thursday, 2nd October.

This course covers all the ground prescribed for the Intermediate Examination. The only choice offered is between Logic and Mathematics.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83
<i>Tuesday:</i>			
6—8 p.m.	Mathematics	Prof. BOWLEY ..	18
or 6—8 ..	Logic	Dr. WOLF ..	19
<i>Wednesday:</i>			
6—8 p.m.	Geography	Major JONES and Miss RODWELL JONES	82
<i>Thursday:</i>			
6.0 p.m.	M.T. Local Government	Mr. LEES SMITH ..	40
6.0 ..	L.T. Foreign Trade	Mr. GREGORY ..	141
6.0 ..	S.T. Currency and Banking ..	Prof. FOXWELL ..	165
7.15 ..	Economic History	Dr. KNOWLES ..	55
8.15 ..	Do. (Class)	Mr. GRIMSHAW ..	55
<i>Friday:</i>			
6.0 p.m.	Economic Theory	Prof. CANNAN ..	1
7.15 ..	Central Government	Mr. LEES SMITH ..	29
8.15 ..	Economic Theory (Class) ..	Mr. DALTON ..	1

SECOND YEAR (PASS) FINAL.—DAY.

Beginning Thursday, 2nd October.

The lectures in this time-table are classified as follows:—

Economics:—Principles of Economics; Economic History; Banking and Currency.

Public Administration:—Local Government; Public Finance.

History:—Economic Position of the Great Powers; Commerce of the Great Powers.

Monday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83
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Optional Subject:—

3.30—5.30 p.m.	<i>International Law</i> ..	Prof. PEARCE HIGGINS	71
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See also Evening Time Table at p. 100.

Tuesday :

Optional Subject:—History.

10.45 a.m.	<i>Economic Position of the Great Powers</i> ..	Dr. KNOWLES	51
12.0 noon	M. and L.T. Banking and Currency ..	Prof. FOXWELL	167
3.0 p.m.	Principles of Economics ..	Prof. CANNAN	2

Wednesday :

10.30 a.m.	M.T. Public Finance	Mr. DALTON	44
12.0 noon	Local Government ..	Prof. GRAHAM WALLAS	41

Thursday :

10.30 a.m.	Economic History	Dr. KNOWLES	5
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Optional Subject:—History.

12.0 noon	<i>Commerce of the Great Powers</i>	Mr. GREGORY	143
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2.30 p.m.	Local Government (Class) ..	Mr. GRIMSHAW	41
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Optional Subjects:—

See Evening Time Table at p. 100.

THIRD YEAR (PASS) FINAL.—DAY.

Beginning Thursday, 2nd October.

The lectures in this time-table are classified as follows:—

Economics:—Principles of Economics; Banking and Currency; Statistics

Public Administration:—Local Government; Public Finance.

History:—Economic Position of the Great Powers; Commerce of the Great Powers.

Monday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83
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Optional Subject:—

3.30—5.30 p.m.	<i>International Law</i> ..	Prof. PEARCE HIGGINS	71
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See also Evening Time Table at p. 101

Tuesday :

Optional Subject:—History.

10.45 a.m.	<i>Economic Position of the Great Powers</i>	Dr. KNOWLES	51
*12.0 noon	M. and L.T. Methods of Statistics .. (first 15 lectures)	Prof. BOWLEY	12
†12.0 ..	and L. and S.T. Methods of Statistics .. (remainder of course)	Prof. BOWLEY	12
3.0 p.m.	Principles of Economics ..	Prof. CANNAN	2

Wednesday :

10.30 a.m.	M.T. Public Finance	Mr. DALTON	44
12.0 noon	Local Government ..	Prof. GRAHAM WALLAS	41

Optional Subject:—

6.15 p.m.	L. and S.T. <i>Business Organisation</i> ..	Prof. DICKSEE	160
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Thursday :

Optional Subject:—

12.0 noon	<i>Commerce of the Great Powers</i>	Mr. GREGORY	143
2.30 p.m.	Local Government (Class)	Mr. GRIMSHAW	41
‡6.0 ..	L. and S.T. Logic and Scientific Method	Dr. WOLF	13

Optional Subjects:—

See Evening Time Table at p. 101.

* For all students proceeding to the Final Pass Examination.

† For students who took Mathematics at the Intermediate Examination.

‡ For students who took Logic at the Intermediate Examination.

SECOND YEAR (PASS) FINAL.—EVENING.

Beginning Thursday, 2nd October.

The lectures in this time-table are classified as follows:—

Economics:—Principles of Economics; Economic History; Banking and Currency.

Public Administration:—Local Government; Public Finance; History of Political Ideas.

History:—Economic Position of the Great Powers. Commerce of the Great Powers.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83
<i>Monday:</i>			
Optional Subjects:—			
6.0 p.m.	(a) <i>Accounting and Business Methods</i>	Prof. DICKSEE and Col. DE PAULA	157
6.15 "	(c) <i>Constitutional Law</i> ..	Prof. MORGAN	66
7.0 "	(a) <i>Accounting and Business Methods</i> ..	Prof. DICKSEE and Col. DE PAULA	157
7.15 "	(c) <i>Constitutional Law</i> ..	Prof. MORGAN	66
<i>Tuesday:</i>			
6.0 p.m.	Principles of Economics ..	Prof. CANNAN	2
7.15 "	M.T. Public Finance	Mr. DALTON	44
7.15 "	L. and S.T. History of Political Ideas	Mr. DICKINSON	26
<i>Wednesday:</i>			
Optional Subject:—History.			
6.0 p.m.	<i>Economic Position of the Great Powers</i>	Dr. KNOWLES	51
7.15 "	<i>Commerce of the Great Powers</i>	Mr. GREGORY	143
<i>Thursday:</i>			
6.0 p.m.	Economic History	Dr. KNOWLES	56
7.15 "	Local Government	Prof. GRAHAM WALLAS	41
8.15 "	Local Government (Class)	Mr. GRIMSHAW	41
<i>Friday:</i>			
Optional Subjects:—			
6.30 p.m.	(b) <i>Commercial Law</i> ..	Mr. LE QUESNE	62
7.0 "	(d) <i>International Law</i> ..	Prof. PEARCE HIGGINS	72
7.30 "	(b) <i>Commercial Law</i> ..	Mr. LE QUESNE	62
8.0 "	(d) <i>International Law</i> ..	Prof. PEARCE HIGGINS	72

THIRD YEAR (PASS) FINAL.—EVENING.

Beginning Thursday, 2nd October.

The lectures in this time-table are classified as follows:—

Economics:—Principles of Economics; Banking and Currency; Statistics.

Public Administration:—Central Government; Public Finance; History of Political Ideas.

History:—Economic Position of the Great Powers; Commerce of the Great Powers.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83
<i>Monday:</i>			
Optional Subjects:—			
6.30 p.m.	L. and S.T. (b) <i>Commercial Law</i> ..	Mr. LE QUESNE	63
7.30 "	L. and S.T. (b) <i>Commercial Law</i> ..	Mr. LE QUESNE	63
<i>Tuesday:</i>			
6.0 p.m.	Principles of Economics ..	Prof. CANNAN	2
7.15 "	M.T. Public Finance	Mr. DALTON	44
7.15 "	L. and S.T. History of Political Ideas..	Mr. DICKINSON	26
<i>Wednesday:</i>			
Optional Subject:—History.			
6.0 p.m.	<i>Economic Position of the Great Powers</i>	Dr. KNOWLES	51
7.15 "	<i>Commerce of the Great Powers</i>	Mr. GREGORY	143
Optional Subject:—Accounting and Business Organisation.			
6.15 "	L. and S.T. <i>Business Organisation</i> ..	Prof. DICKSEE	160
<i>Thursday:</i>			
*6.0 p.m.	M. and L.T. Methods of Statistics ..	Prof. BOWLEY	12
†6.0 "	and L. and S.T. Methods of Statistics	Prof. BOWLEY	12
†6.0 "	(remainder of course) or Logic and Scientific Method	Dr. WOLF	13
7.15 "	Local Government	Prof. GRAHAM WALLAS	41
8.15 "	Local Government (Class)..	Mr. GRIMSHAW	41
<i>Friday:</i>			
Optional Subjects:—			
6.0 p.m.	(a) <i>Accounting and Business Methods</i> ..	Prof. DICKSEE and Col. DE PAULA	158
6.15 "	(c) <i>Constitutional Law</i> ..	Prof. MORGAN	68
7.0 "	(a) <i>Accounting and Business Methods</i> ..	Prof. DICKSEE and Col. DE PAULA	158
7.0 "	(d) <i>International Law</i> ..	Prof. PEARCE HIGGINS	72
7.15 "	(c) <i>Constitutional Law</i> ..	Prof. MORGAN	68
8.0 "	(d) <i>International Law</i> ..	Prof. PEARCE HIGGINS	72

* For all students proceeding to the Final Pass Examination.
† For all such students who took Mathematics at the Intermediate Examination.
‡ For all such students who took Logic at the Intermediate Examination.

THE FINAL EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE.

Courses of instruction for the **Pass** Final Examination have been arranged for day and evening students at the School of Economics.

Students will only be admitted as candidates for **Honours** in the Final Examination by express permission of the lecturer whose Honours subject they wish to take. They are expected to draw up a list of the courses of lectures they intend to follow in order to cover the compulsory subjects required and bring this list with them to the first consultation with the lecturer in whose Honours subject they wish to specialise.

The compulsory subjects are fully covered in the Pass course. Honours candidates may select their courses of lectures in these subjects from among those there prescribed.

Lecturers responsible for Honours subjects will be at the School to meet students by appointment on Wednesday, 1st October, between 4 and 5.30 p.m. and between 6.30 and 7.30 p.m.

Full particulars of the course of study which every candidate for Honours proposes to follow each year must be submitted to the University for the approval of the Senate. Honours courses must be reasonable in length, and will in each case be judged on their merits. The details of each course must be forwarded to the University as early as possible in each session. In cases in which an Honours course is approved for a given session, subject to conditions to be fulfilled in regard to the continuation of the course in a subsequent session, the proposed continuation of the course for such subsequent session must be submitted before October 15th in that session. A fine of £1 is imposed by the University on a student making application for the recognition of an Honours course more than four months after the beginning of the course but before the end of the session, and in respect of an application received in a session subsequent to that in which the course of study is begun a fine of £3 is imposed. *No alteration may be made in the details of the course submitted without the consent of the Senate.*

The Final Examination may be taken either for a Pass or for Honours. It commences on the fourth Monday in October.

The fee for each student is £5 5s. for each entry to the Examination.

A Diploma for the degree of B.Sc., under the Seal of the University and signed by the Chancellor, will be delivered to each candidate who has passed.

Candidates for a **Pass** will be examined in—

1. Economics (including statistics, one paper) 3 Papers.
2. Public Administration 1 Paper.
3. Passages from French and German works on Economics and Public Administration for translation and comment. Candidates will be required to attempt at least one passage in each language 1 Paper.
- 4A. History or 4B, Accounting and Business Organisation .. 2 Papers.
5. Essay 1 Paper.

Candidates will be required to write on one of three subjects within the range of Economics and Political Science.

And one of the following, at the choice of the candidate—

6. (a) Accounting
 - (b) Industrial and Commercial Law
 - (c) Constitutional Law and History
 - (d) Public International Law
- } 1 Paper.

Of these optional subjects "Accounting" may only be taken by those students who have not taken "Accounting and Business Organisation" under 4B above.

Candidates shall not be approved by the Examiners unless they have shown a competent knowledge in each of the six foregoing sections of the Scheme of Examination.

The Examiners shall be at liberty to test any candidate by means of *vivâ-voce* questions.

Exemptions will be granted as follows:—

Students who have passed the Intermediate Examination in Laws as Internal students will be exempted from attendance at an Approved Instruction-course in Constitutional Law and History, if taken as an optional subject for the B.Sc. Examination in Economics and Political Science for Internal students, but not from Examination in that subject.

During their course of study students will be expected to write essays and do paper work.

EXAMINATION FOR HONOURS.

Candidates for Honours will be examined in—

1. Economics 3 Papers.
- One of the papers will consist of subjects for an essay.
2. History 1 Paper.
 3. Public Administration 2 Papers.

One of the papers will consist of subjects for an essay.

As an alternative to 2 and 3 a student may take:—

- (2) Accounting and Business Organisation 2 Papers.
 - (3) Public Administration 1 Paper.
(Not the Essay Paper.)
4. One subject selected from the following (3 papers):—
 - (1) Economics, descriptive and analytical, in relation to existing economic conditions; including the History of Economics, and Applications of Statistical Methods.
 - (2) Economic History (medieval), with special reference to England down to 1485, including Palæography.
 - (3) Economic History (Modern), with special reference to England subsequent to 1485.
 - (4) History of Political Ideas, especially in connection with the History of Europe and the United States.
 - (5) Public Administration, as illustrated by the History, Theory, and Present Organisation of England, France, Germany, or the United States comparatively treated.

(Candidates desiring to be examined in this subject must specify before June 1st the country they select.)

- (6) The History, Theory and Present Systems of Banking and Currency.
- (7) The History, Theory and Present Organisation of International Trade.
- (8) The History, Theory and Present Organisation of Transport.
- (9) The History, Theory and Present Systems of Insurance.
- (10) Theory and Practice of Statistics, including Demography.
- (11) Sociology.
 - (a) Comparative Study of Social Institutions, and in either
 - (b) Psychology,
 - or*
 - (c) Ethnology.
- (12) Public International Law (including the history and effect of the principal public treaties now in force).
- (13) Geography with special reference to the Economic and Political development and present organisation of Europe and North America.

During this course candidates for Honours must acquaint themselves with the bibliography, statistics, and the main original sources of information bearing on their respective selected subjects.

They will be expected to have made a thorough study of the subject they select, and to be acquainted with the principal works dealing with it in English, French, and German.

The Examinations in Economics, History, and Public Administration, *or* in Economics, Accounting and Business Organisation, and Public Administration, compulsory upon all candidates for Honours, will be similar in scope to those for candidates for a Pass, but of a higher standard.

One of the three papers on the selected subject will consist of passages from French and German works on the subject for translation and comment, and candidates will be required to translate passages in both these languages.

Candidates will be expected to show a knowledge of the Mathematics, Statistics, and Geography necessary for the adequate treatment of the subject they select.

All candidates for Honours must attend a course of lectures in Modern Historical Geography.

During their course students will be expected to write essays and do paper work.

**FOR THE
B. COM.**

There are two examinations for the degree of Bachelor of Commerce which has just been established by the University of London. These are known as the Intermediate and Final examinations. Each examination is divided into two parts which may be taken on the same or on different occasions. Failure in one part will not involve failure in the other. The subjects are the same for Internal and External students. Normally both parts of the Intermediate Examination will be taken at the end of the first year; the first part of the Final Examination at the end of the second year and the second part of the Final Examination at the end of the third year, but evening students are recommended to spread their course of study over a longer period than 3 years.

THE INTERMEDIATE EXAMINATION FOR THE B. COM.

The Intermediate Examination for the B. Com. is held twice a year, commencing on the 4th Monday in September and on the 4th Monday in March, but students of the London School of Economics who have completed their course of study at the School will take a special Intermediate Examination which, in 1920, will be held in the week commencing Monday, 12th July.

The subjects for the Intermediate course are as follows:—

COMPULSORY SUBJECTS.

- I. Elements of Economics.
- II. Banking, Currency, Trade (including Transport) and Finance.
- III. Geography.
- IV. (a) Accounting, as applied to Traders and Trading Companies; *or alternatively.*
(b) World History, with special reference to the Nineteenth Century.

NOTE.—In order to be permitted to take Group A (Banking and Finance) at the Final Examination, candidates must have passed in IV. (b) (World History) at the Intermediate Examination.

In order to be permitted to enter for the Final Examination in any Group other than Group A (Banking and Finance) candidates must have passed in IV. (a) (Accounting) at the Intermediate Examination.

- V. An approved Modern Foreign Language (see pp. 84, 106).

OPTIONAL SUBJECTS.

- VI. One of the following:—
 - (a) A second approved Modern Foreign Language (see pp. 84, 106).
 - (b) Chemistry.
 - (c) Physics.
 - (d) Geology.
 - (e) Botany.
 - (f) Pure Mathematics.
 - (g) Applied Mathematics.
 - (h) History—(i.) History of Industry and Commerce; *and*
(ii.) World History, with special reference to the Nineteenth Century.

NOTE.—Candidates who take World History under IV. (b) will not be permitted to take History under VI. (h).

- (i) English—(i) History of English Language and Literature; *and*
(ii) Composition, Expression, Style, Appreciation.
- (j) Commercial Art, i.e., Art as applied to an Approved Manufacture.

The compulsory subjects are all provided for in the course arranged for day and evening at the School with the exception of the language subject, for arrangements in respect of which see page 84. Of the optional subjects Pure Mathematics and History only are at present provided

The subjects are divided as follows :—

PART I.

Elements of Economics, Geography and Approved Modern Foreign Language.

1. Elements of Economics.—1 Paper.
2. Geography.—2 Papers.
3. An Approved Modern Foreign Language.—2 Papers and *vivâ voce*.

NOTE.—The Languages already approved are as follows :—

- | | |
|----------------|-----------------|
| (i) French. | (vii) Arabic. |
| (ii) German. | (viii) Persian. |
| (iii) Italian. | (ix) Turkish. |
| (iv) Spanish. | (x) Malay. |
| (v) Dutch. | (xi) Chinese. |
| (vi) Russian. | |

PART II.

1. Banking, Currency, Trade (including Transport) and Finance.—1 Paper.
2. (a) Accounting, as applied to Traders and Trading Companies.—1 Paper; or
(b) World History, with special reference to the Nineteenth Century.—1 Paper.

NOTE.—In order to be permitted to take Group A (Banking and Finance) at the Final Examination candidates must have passed in 2 (b) (World History) at the Intermediate Examination.

In order to be permitted to enter for the Final Examination in any Group other than Group A (Banking and Finance) Candidates must have passed in 2 (a) (Accounting) at the Intermediate Examination.

One Subject, to be selected from the following :—

- (a) A second Approved Modern Foreign Language.—1 Paper and *vivâ voce*.

NOTE.—The languages already approved are set out under Part I. above.

- (b) Chemistry.—2 Papers and a Practical Examination.
- (c) Physics.—2 Papers and a Practical Examination.
- (d) Geology.—2 Papers and a Practical Examination.
- (e) Botany.—2 Papers and a Practical Examination.
- (f) Pure Mathematics.—2 Papers.
- (g) Applied Mathematics.—2 Papers.
- (h) History.—(i) History of Industry and Commerce; and
(ii) World History, with special reference to the Nineteenth Century.—2 Papers.

NOTE.—Candidates who take World History under 2 (b) will not be permitted to offer History under (h).

- (i) English—(i) History of English Language and Literature and (ii) Composition, Expression, Style, Appreciation.—2 Papers

- (j) Commercial Art—i.e., Art as applied to an Approved Manufacture.—2 Papers.

Candidates who fail in either Part may be re-examined in that Part at any subsequent Examination on payment of the proper Fee.

The Fee for each student is 5 guineas for each Entry to the whole Examination. This Fee shall entitle the student to enter once for both parts of the Examination, whether taken on the same occasion or

otherwise. If he withdraw his name before the last day of entry to the Examination the Fee shall be returned to him. If he fail to present himself at the Examination he shall be allowed to enter for the *next following* Intermediate Examination in Commerce on payment of a Fee of Three Guineas. Candidates who retire after having presented themselves for the Examination, or who fail to pass, will be required to pay the full Fee when they next present themselves for the Examination.

Candidates who enter for one Part only (whether by reason of previous failure or otherwise) shall pay a Fee of Three Guineas on each occasion: and this Fee will not be returnable.

The Fee for re-examination in one Subject is Two and a half Guineas.

Students taking Arabic, Persian, Turkish, Malay, or Chinese will be required to give Two Calendar Months' notice before the beginning of the Examination, and to pay a Special Fee of Five Guineas in addition to the ordinary fee.

FOR THE DEGREE OF B.COM.

FIRST YEAR (INTERMEDIATE).—DAY.

Beginning Thursday, 2nd October.

	Short Title	Lecturer.	No. of Course in Lecture List on pp. 32 to 83
<i>Monday:</i>			
11.0 a.m.—1.0 p.m.	Accounting <i>Alternative to World History</i>	Prof. DICKSEE and Colonel DE PAULA	155
<i>Tuesday:</i>			
11.0 a.m.—1.0 p.m.	Geography	MAJOR JONES and Miss RODWELL JONES	82
<i>Wednesday:</i>			
10.45 a.m.	Economic History	Dr. KNOWLES	55
12.0 ..	L.T. Foreign Trade	Mr. GREGORY	141
6 p.m.	S.T. Currency and Banking	Prof. FOXWELL	165
<i>Friday:</i>			
11.0 a.m.	World History <i>Alternative to Accounting</i>	Prof. HEARNSHAW and others	50
12.0 noon	Economic Theory	Prof. CANNAN	1
2.30 p.m.	Economic History (Class) <i>Alternating with</i> Economic Theory (Class)	Mr. GRIMSHAW Mr. DALTON	55 1

The **Optional Subjects** provided at the school are Pure Mathematics and History.

Mathematics on Thursdays, from 11 a.m.—1 p.m., No. 18.

History on Thursdays 10.30 a.m.—11.30 a.m., Economic History, No. 56.
and Fridays 11 a.m.—12 noon, World History, No. 50.

For particulars as to Languages, see p. 84.

FIRST YEAR (INTERMEDIATE.)—EVENING.

Beginning Thursday, 2nd October.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83.
<i>Monday</i>			
6—8 p.m.	Accounting <i>Alternative to World History</i>	Prof. DICKSEE and Colonel DE PAULA	155
<i>Wednesday:</i>			
6—8 p.m.	Geography	Major JONES and Miss RODWELL JONES	82
<i>Thursday:</i>			
6.0 ..	L.T. Foreign Trade	Mr. GREGORY	141
6.0 ..	S.T. Currency and Banking	Prof. FOXWELL	165
<i>Friday:</i>			
6.0 p.m.	Economic Theory	Prof. CANNAN	1
7.15 ..	World History <i>Alternative to Accounting</i>	Prof. HEARNSHAW and others	50
8.15 ..	Economic Theory (Class)	Mr. DALTON	1

The **Optional Subjects** provided at the School are Pure Mathematics and History.

Mathematics on Tuesdays from 6—8 p.m., No. 18.

History on Thursdays 6—8.15 p.m., Economic History, Nos. 55 and 56.
and Fridays 7.15—8.15 p.m., World History, No. 50.

For particulars as to Languages, see p. 84.

THE FINAL EXAMINATION FOR THE DEGREE OF BACHELOR OF
COMMERCE.

The Course of Study in preparation for this examination is being arranged and the time-table will be ready for next session.

The Final Examination is divided into two Parts, of which the Compulsory Subjects form Part I., and the Selected Group of Subjects forms Part II. But the Approved Modern Foreign Language may be taken either with Part I. or with Part II. at the option of the candidate.

PART I.

COMPULSORY SUBJECTS:—

First year of the two years' Final Course.

1. The present Organisation of Industry, Banking, Trade and Transport.—*2 Papers.*
2. Modern Economic Development of the Empire and the more important Foreign Countries.—*2 Papers.*
3. Elements of Commercial Law (treated from Commercial rather than Legal standpoint)—including Sale of Goods, Insurance, Carriage of Goods by Land and Sea, Negotiable Instruments, Partnerships, Companies, Agencies, Statutory Bodies, Patents, Contracts and Bankruptcy.—*1 Paper.*
4. Statistical Method (not presupposing a knowledge of Mathematics higher than Matriculation standard) to include Averages, Graphs, Factors of Production, Distribution and Sale, and their inter-relation; illustrations being taken from Trade and Industries.—*1 Paper.*

PART II.

One Group of Subjects, selected from the following

Second year of the two years' Final Course.

GROUP A.—BANKING AND FINANCE.—(Recommended for students who wish to take up Banking, Finance, etc.).

- (a) An approved Modern Foreign Language.—*2 Papers and vivâ-voce.*
- (b) Banking, including a general knowledge of the principal British and Foreign Systems and of Stock Exchange practice and the Foreign Exchanges.—*2 Papers.*
- (c) Accounting and Business Organisation, Accounts of Traders at home and abroad, including Foreign Currencies and Accounts of Branches, the Organisation of Business Houses of various types.—*2 Papers.*
Or alternatively, a Second Approved Modern Foreign Language.—2 paper and vivâ-voce.

GROUP B.—TRADE (i). (Recommended for students who wish to take up Colonial and General Trade, and in certain cases Distributing Trades.)

- (a) An Approved Modern Foreign Language.—*2 Papers and vivâ-voce.*
- (b) The Trade of great World Divisions, including conditions of production and marketing of Commodities, Transport, Trade, Statistics, etc.—*2 Papers.*
Divisions:—Europe and either North and South America, or India and the Far East, or Africa and Australasia.
- (c) Economics of Transport (from the point of view of the Trader), including Sea Transport, Inland Transport (Rail, Motor, Waterway), and Insurance.—*1 Paper.*
- (d) Accounting.—The Accounts of Traders at home and abroad, including Foreign Currencies and Accounts of Branches; *or alternatively* (for the Textile Trades), Constitution, Production and Manufacture of Materials (Silk, Wool, Cotton, Flax, etc.); *or alternatively* (for the Food Distributing Trades), the Constitution, Production and Manufacture of Food Stuffs.—*1 Paper.*

GROUP C.—TRADE (ii). (Recommended for those engaged in the Trade of definite area (e.g., Brazil, India, China, Russia, Scandinavia).)

- (a) The Chief Commercial Language of the Selected Area.—*2 Papers and vivâ-voce.*
- (b) Accounting.—The Accounts of Traders at home and abroad, including Currencies of Selected Area and Accounts of Branches.—*1 Paper.*
- (c) The Commercial and Physical Geography (including the Climatology) of the Selected Area, with the Geographical Conditions of Markets and Transports.—*1 Paper.*
- (d) The Commercial Methods, including the Trade of the Specific Area, Conditions of Production and Marketing of Commodities, Local Tariffs and Transport Conditions, Trade Statistics and Commercial Law.—*2 Papers.*

NOTE.—Candidates taking this Group should, *where practicable*, spend at least a year in the country where the language of the Selected Area is spoken.

GROUP D.—INDUSTRY. (Recommended for Students who wish to take up Engineering and Metal Trades, Distributing Trades (in certain instances), and generally for those engaged in Works and Factory Management.)

- (a) An Approved Modern Foreign Language.—*2 Papers and vivâ-voce.*
- (b) Business Organisation and Scientific Management.—The Organisation of Business Houses, Works, and Factories; Administration, Production, Sales, Publicity, Statistics, Staff Selection and Management, Welfare Work and Staff Education, Business Psychology, Relations of Capital and Labour.—*2 Papers.*
- (c) Works and Factory Accounting, with special reference to Cost Accounts and Depreciation.—*1 Paper.*
- (d) Industrial Law.—The Law relating to Factories and Workshops, Workmen's Compensation, Trade Unions, Employer's Liability, Friendly Societies, National Insurance, Labour conditions.—*1 Paper.*

NOTE.—Candidates, other than those preparing for Journalistic, Editorial, and Publicity work, who take this Group are recommended to take one of the four Science Subjects as their Optional Subject at the Intermediate Examination.

GROUP E.—GENERAL TRANSPORT. (Recommended for students desiring a wide knowledge of Transport and its bearings.)

- (a) An Approved Modern Foreign Language.—*2 Papers and vivâ-voce.*
- (b) Transport, including Transport and Storage of Commodities of a perishable and special character, such as Fruit, Dairy Produce, Meat, Grain, Oil.—*1 Paper.*
- (c) Inland Transport, *or alternatively*, Sea Transport.—*1 Paper.*
- (d) Trade.—General movements of International Trade and the factors governing economical transportation.—*1 Paper.*
- (e) Accounting.—*1 Paper.*

NOTE.—Candidates taking this Group are recommended to take History as the Optional Subject at the Intermediate Examination.

GROUP F.—SHIPPING. (Recommended for students who wish to take up the Shipping Trade.)

- (a) An Approved Modern Foreign Language.—*2 Papers and vivâ-voce.*
- (b) Shipping.—Construction and capacity of Ships in relation to their work; Character and use of the Chief Shipping Documents; Charter Party; Bills of Lading; Insurance; The Merchant Shipping Acts; Passenger Law; The Economics of Transport, with special reference to Sea Transport (all treated with special reference to Commercial use and practice).—*2 Papers.*

- (c) Trade.—The Conditions of Production and Marketing of the more important commodities entering into Overseas Trade and the Traffic of the Great Ports of the World.—1 Paper.
- (d) Accounts of Traders at Home and Abroad, including Foreign Currencies and Accounts of Branches.—1 Paper.
- OR, alternative to (c) and (d) at the option of the Candidate, an Approved Modern Foreign Language other than that taken under (a).—2 Papers and *vivâ-voce*.

GROUP G.—INLAND TRANSPORT. (Recommended for Students engaged in Railway undertakings.)

- (a) An Approved Modern Foreign Language.—2 Papers and *vivâ-voce*.
- (b) Economics of Inland Transport: (1) General, (2) Railway.—2 Papers.
- (c) Railway Law and the History of Inland Transport.—1 Paper.
- (d) Railway Cost Accounts and Railway Statistics.—1 Paper.

GROUP H.—PUBLIC UTILITIES. (Recommended for Students engaged in such undertakings as Gas, Electricity and Hydraulic Power, Water Supply and Irrigation).

- (a) An Approved Modern Foreign Language.—2 Papers and *vivâ-voce*.
- (b) The Constitution and Business Organisation of Public Services, and their general relationship to Industry, Trade and Transport.—2 Papers.
- (c) Accounting.—1 Paper.
- (d) The Law relating to Public Services.—1 Paper.

GROUP I.—COMMERCIAL ART. (Recommended for certain classes of students in the Distributing and other Trades.)

- (a) Design and Colour in relation to Material: Origins and Methods of Production by (i) Handwork, (ii) Machinery.—1 Paper.
History and Principles of Design in relation to an approved Industry.—1 Paper.
- (b) Advertising and Presentation: Psychology of Appeal and Method of Presentation.—1 Paper.
Copy Writing.—1 Paper.
Printing Processes—Letterpress—Black and White—Colour.—1 Paper.
Lettering and Illustration—Their History and use in Practice.—1 Paper.

A Candidate may take Part I. and Part II. on the same occasion, or he may take Part I. on one occasion and Part II. on a second occasion.

The Fee for each student is Five Guineas for each entry to the Examination. This Fee shall entitle him to enter once for each part of the Examination whether taken on the same occasion or not. If he withdraw his name before the last day of entry to the Examination the Fee shall be returned to him. If he fail to present himself at the Examination he shall be allowed to enter for the *next following* B.Com. Examination on payment of a Fee of Three Guineas. If he retire after the commencement of the Examination, or fail to pass it, the full Fee of Five Guineas shall be payable upon every re-entry.

THE RESEARCH DEPARTMENT.

The work of the Department is carried on by means of (i) individual supervision of students, (ii) Seminars or Special Classes, and (iii) the Library. The lectures at the School likely to be useful to the students are pointed out to them. The method of utilising the British Museum, the Public Record Office, and other great libraries and collections of material is explained to them. They are supplied with brief bibliographies, and informed of the main sources from which such bibliographies may be supplemented and extended. The manner in which students collect their material and the use they make of it are criticised, and points arising out of their researches are discussed.

INTERNAL STUDENTS ADMITTED IN ACCORDANCE WITH THE TERMS OF STATUTE 113.

(i) A candidate for admission under Statute 113, with a view to proceeding to a higher degree, must

(a) Produce evidence that he has taken a degree in an approved University, or passed the Examinations required for such degree. (Women students of the Oxford or Cambridge Colleges are eligible under this condition.)

(b) State that he is willing to study for the higher degree in London for such period and under such general supervision as the Senate may appoint.

(c) Produce a certificate from the Governing Body of a School of the University stating that the candidate is, in their opinion, a fit person to undertake a course of study or research with a view to the degree he has selected, and that the School is willing to take the responsibility of supervising the studies of the candidate, and reporting to the Senate at the end of each University session whether the candidate is *bonâ fide* pursuing a course of study in the School suitable as a preparation for the higher degree which he has selected as the object of his studies.

(ii) Persons admitted as candidates for a higher degree under Statute 113 may enter for any examination preparatory to that degree, other than the examination for that degree, at any time during their period of study under the control of the University. The lower degree will, however, not be granted to such persons.

(iii) The examination for the degree itself cannot be taken by such persons until they have studied under the conditions laid down for the prescribed minimum period.

A list of British and foreign Universities has been approved by the Senate.

Graduates of the University of London in Faculties other than that of Economics and Political Science may also, under similar conditions

proceed to higher degrees in Economics and Political Science under Statute 129.

Persons applying for admission as candidates under Statute 129 must produce evidence of having passed a general examination, approved in each case by the University for the purpose, or conducted by the University, in the subject in which they desire to proceed to a higher degree or in a cognate subject.

The degree of Master of Science has been established in the Faculty of Economics and Political Science.

The M.Sc. (Economics) Examination will take place twice in each year, in December and June.

Except as provided below, no person shall be admitted as a candidate for the degree of M.Sc. (Economics) as an Internal student until after the expiration of One Calendar Year from the time of his taking the B.Sc. (Economics) degree in this University as an Internal student; nor, in the case of a student registered as an Internal student under Statutes 113 and 129, until he has completed a course of higher study, in accordance with the regulations adopted by the Senate under these Statutes.

A student who, having passed the External Intermediate Examination, is admitted as an Internal student to the Final B.Sc. (Economics) Examination after pursuing a two years' Course of Study and passes that Examination, may submit as his third year's Course of Study for the B.Sc. (Economics) degree a course for the M.Sc. (Economics) degree. If at the end of the third year's Course of Study he obtains the B.Sc. (Economics) degree, he will, provided that he has otherwise complied with the regulations, be permitted to present himself for the M.Sc. (Economics) Examination, but the degree of M.Sc. (Economics) will not be conferred on him until after the lapse of one year from the date of his obtaining the B.Sc. (Economics) degree. In submitting his thesis for this degree, 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 scientific knowledge.

The candidate must furnish not less than four copies of the thesis or published work submitted to the Examiners. No candidate will be permitted to publish his thesis as a thesis approved for the M.Sc. (Economics) degree without the special permission of the University.

The following alterations have been made in the regulations for the degree of Doctor of Science in the Faculty:—

A candidate for the degree of D.Sc. (Economics) must have previously obtained the degree of B.Sc. (Economics) or have been registered as a candidate for the degree of D.Sc. (Economics) under the terms of Statute 113 or 129; and must further have obtained the degree of M.Sc. (Economics) unless specially exempted by the Senate on the ground that he has already done work of the character and

standard that may reasonably be expected of candidates for the M.Sc. (Economics) degree. As a rule the Senate will only grant such special exemption on the ground of published work.

[In and after the Session 1919-20, except with the special permission of the Senate on the recommendation of the Board of Studies in Economics, no person shall be admitted as a candidate for the degree of D.Sc. (Economics) until the expiration of four years from the date of his taking the B.Sc. (Economics) degree in this University as an Internal student; provided that, in the case of a student registered under Statute 113 or 129, except with the special permission of the Senate on the recommendation of the Board of Studies in Economics, such student shall not be admitted as a candidate for the degree of D.Sc. (Economics) until after the expiration of four years from the date at which he obtained the degree or other qualification enabling him to be registered under the Statute.]

For full information on these points see the regulations of the University, which may be obtained on application to the Secretary.

THE LIBRARY,

which provides one of the most valuable means of training Research Students, contains ordinary text-books and works of reference; official documents issued by the British and other Governments; official documents issued by the various local authorities of the United Kingdom and other countries; Tracts and Pamphlets, and several Special Collections such as the Webb Collection on Trade Unionism.

The Library is open gratuitously for the purpose of study and research to—

- (a) Students for the time being of the London School of Economics and Political Science;
- (b) Persons engaged in any branch of public administration in the United Kingdom or any other country;
- (c) Professors and Lecturers of any recognised University;
- (d) Such other persons as may from time to time be admitted by the Director, on the recommendation of any Professor, Lecturer, Teacher, Foreign Ambassador, Minister or Consul, Agent-General, or other person of recognised position.

The Reading Room is open at 10 a.m., closing at the following times:—

During Term: Daily, except Saturdays, at 9 p.m., and on Saturdays at 1 p.m.

During Vacation: Mondays, Wednesdays and Fridays, at 6 p.m.; Tuesdays and Thursdays, at 9 p.m. (with exceptions); and on Saturdays at 1 p.m.

The Library is entirely closed on the following days:—On all Sundays; on 1st January; on Good Friday and the five days next following; on Whit-Monday; on the first fourteen days of August; on 25th December and the six days next following.

The Students' Lending Library is only open to Members of Common Rooms

See p. 29.

SCHOLARSHIPS AND PRIZES.

SCHOOL. The Hutchinson Research Studentship, of the value of one hundred guineas a year, for two years, originally the gift of the CONSTANCE HUTCHINSON TRUSTEES, will be awarded by open competition in December, 1920. This studentship, which is tenable for two years, will be awarded annually, when possible without examination, but the Committee of Award reserves to itself the right to set papers to selected candidates if considered desirable. The successful candidate will be expected to choose, with the approval of the Director, some definite subject for research of limited scope.

Candidates are requested to send to the Director not later than 1st November the following particulars—(1) date of birth, (2) name and address in full, (3) school or schools, college and university where educated, (4) academic record, if any, (5) the name of the professor, tutor, lecturer, or other person of recognised position to whom reference may be made; and to state in what subject they would wish to carry on their investigations.

In the event of an examination being required, two *papers will be set on 5th December at 10 a.m. and 2 p.m. respectively; one on Economics or Political Science at the option of the candidate and a general paper so framed as to test the candidate's knowledge of both Economics and Politics. In Economics there will be questions in General Economics, including Economic History, Methods of Investigation and Applications of Statistics: in Political Science there will be questions in the History of Political Ideas, Comparative Politics and the British Constitution.

The Committee of Award will meet to interview selected candidates on Wednesday, 8th December, at 3.30 p.m.

In 1916, awarded to HAROLD A. GRIMSHAW, B.A., B.Sc. (Econ.), London.

The Hutchinson Silver Medal is awarded annually to a student of the School for excellence of work done in research.

The Gladstone Memorial Prize.—The Trustees of the Gladstone Liberal Memorial Trust have established a prize of Five Pounds to be given annually in books to the student of the London School of Economics and Political Science who at the School's Special Internal Intermediate Examination for the degree of B.Sc. in the Faculty of Economics and Political Science shall have obtained the best aggregate marks for the papers in Economics and the British Constitution.

In 1919 awarded to FRANCIS HARRY OSTIME.

The Brunel Silver Medal is awarded to students in the Railway Department who in not more than four years have been placed three times in the first class in the examination lists in different subjects.

In 1919 awarded to ERNEST THOMAS MILBURN (L. & N.W.R.)

Two Rosebery Prizes, one of £25 and one of £10, will be awarded in 1920 for the two best monographs embodying original research presented in the department of railway transport.

* For last papers set see pp. 286-290 of Calendar for 1912-13.

Students proposing to enter as candidates for these prizes are requested to submit for approval the subjects on which they propose to write before the end of December, 1919.

Candidates must be present or past students of the London School of Economics and Political Science. Two or more students may combine and present a joint monograph. The option will lie with the School of publishing the monograph to which is awarded the first prize. Monographs must reach the Director of the School not later than 30th September, 1920.

In 1918 First Prize not awarded.

Second Prize awarded to WILLIAM GEORGE COLES (L. & S.W.R.).

An award of £5 to ERNEST JAMES BUDD (S.E. & C.R.).

*The Gerstenberg Scholarship of £50 tenable **UNIVERSITY.** for one year, open, without limit of age, to candidates who have passed the intermediate examination in this or the previous year.

In 1919 awarded to MARY ALICE KOCH DAVIES (London School of Economics and Political Science).

One Mitchell Studentship of £100, awarded without examination, to enable the student possessing the necessary City qualifications † to study and investigate some definite feature of business or industrial organisation, at home or abroad.

Four Mitchell Scholarships, awarded annually by the Mitchell City of London Charity, viz.: two of £25, and two of £20 a year, tenable for four years.

Two St. Dunstan's Exhibitions for women, of £60 a year, tenable for three years.

Two Loch Exhibitions of the value of £24 will be awarded annually by the Ratan Tata Benefaction Committee, subject to the approval of the University.

The Exhibitions will be awarded in the first instance for a period of one year, but the tenure may be extended to a second year by the University on the recommendation of the Committee.

Applications for the Exhibitions, accompanied by the names of three references and the evidence required under the terms of the Regulations, must reach the Head of the Department not later than 15th May. Testimonials are not required.

Candidates must produce evidence that they will have attained the age of 19 years on the first of October in the year of the award, and must satisfy the Committee as to their need of financial assistance to follow the course of study prescribed.

Holders of the Exhibitions must pursue the ordinary course of study (known as the Certificate course) in the Ratan Tata Department of Social

* Awarded on the results of the Scholarships examination in July. Entry closes on 1st June.

† See the School Calendar, 1914-15, pp. 281-2.

Science and Administration at the London School of Economics and Political Science; and if a further year's tenure is granted, a further course in the same department.

Instalments of the emoluments of the Exhibitions will be paid terminally on receipt of satisfactory reports as to the progress of the holder.

In 1919 awarded to ANNIE CHRISTINE GURNEY,
MINNIE LOUISE HASKINS,
JOCELYN SOPHIA HYSLOP,
FLORENCE KERMAN.

The Gladstone Memorial Prize.—The Trustees of the Gladstone Liberal Memorial Trust offer an annual prize of books to the value of £10 for proficiency in History, Political Science, and Economics, to be awarded on the result of the Final Examination for the degree of B.Sc. (Econ.).

The Paul Philip Reitlinger Prize, in the year 1919 of the value of £30, will be awarded biennially, on 3rd December, provided there be a candidate of sufficient merit.

In 1919, and biennially thereafter, the Prize will be awarded for the best essay on a literary, historical, or philosophical subject of contemporary interest to be prescribed by the University.

The subject for 1919 will be:—"English Poetry in the Twentieth Century."

Candidates must be Matriculated students of the University, of not more than 25 years of age on 1st October in the year of award, who have not proceeded to a degree in this or any other University, or obtained a qualification approved under Statute 113.

Essays must reach the Principal of the University not later than 1st October in the year of the award.

In 1915, awarded to HERBERT ROLAND HODGES, B.Sc. (Econ.)
London; London School of Economics and Political Science.

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¹E. J. URWICK, M.A.

Sir HERBERT A. WALKER, K.C.B.

Sir EDWARD W. WALLINGTON, K.C.V.O., C.M.G.

¹SIDNEY WEBB, LL.B.

Mrs. SIDNEY WEBB, D.Litt.*

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FREDERICK WHELEN.

J. MARTIN WHITE, J.P., F.R.S.E.

WILLIAM J. H. WHITTALL, F.I.A., J.P.

E. A. WHITTUCK, M.A., B.C.L.

Director of the School and Secretary to the Governors.

Sir WILLIAM H. BEVERIDGE, K.C.B., M.A., B.C.L.

Professorial Council :

The DIRECTOR, *President*.

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EDWIN CANNAN, M.A., LL.D.

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H. S. FOXWELL, M.A.

A. PEARCE HIGGINS, C.B.E., M.A., LL.D.

L. T. HOBHOUSE, M.A.

LILIAN KNOWLES, Litt.D.

H. J. MACKINDER, M.A., M.P.

PAUL MANTOUX, D. ès L.

A. J. SARGENT, M.A.

C. G. SELIGMAN, M.D., F.R.S.

H. B. LEES SMITH, M.A.

W. T. STEPHENSON, B.A.

E. J. URWICK, M.A.

GRAHAM WALLAS, M.A.

SIDNEY WEBB, LL.B.

E. A. WESTERMARCK, Ph.D.

A. WOLF, M.A., D.Lit.

1. Representing the London County Council.

2. Representing the Senate of the University of London.

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Professorial Council.**

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the School. **Descriptive Economics.**

*A. L. BOWLEY, Sc.D., F.S.S., Trinity College, Cambridge; Pro-
fessor of Statistics in the University of London. **Mathematics and Statistics.**

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the University of London. **Economic Theory.**

*G. LOWES DICKINSON, M.A., Fellow of King's College, Cambridge.
Political Science.

*LAWRENCE R. DICKSEE, M.Com., F.C.A., Professor of Accounting
and Business Organisation in the University of London.
Accounting and Business Methods.

†*H. S. FOXWELL, M.A., F.B.A., Fellow and late Lecturer of St.
John's College, Cambridge; Professor of Political Economy in
the University of London. **Banking and Currency.**

†A. PEARCE HIGGINS, C.B.E., M.A., LL.D., Barrister-at-Law;
Professor of International Law in the University of London
and Lecturer on International Law at the Royal Naval Staff
College. **International Law.**

†*L. T. HOBHOUSE, M.A., late Fellow of Corpus Christi and Merton
Colleges, Oxford; Martin White Professor of Sociology in the
University of London. **Sociology.**

*LILIAN KNOWLES, Litt.D., Dublin; Hist. Tripos and Law Tripos,
Girton College, Cambridge; Reader in Economic History in the
University of London. **Economic History.**

†*SIR JOHN MACDONELL, K.C.B., M.A., LL.D., F.B.A., Professor of
Comparative Law in the University of London; Member of the
Institute of International Law; Senior Master of the Supreme
Court and King's Remembrancer. **International Law.**

* Member of the Faculty of Economics and Political Science in the University
of London.

† Member of the Faculty of Laws in the University of London.

‡ Member of the Faculty of Arts in the University of London.

†*H. J. MACKINDER, M.A., M.P., Reader in Geography in the University
of London; formerly Reader in Geography in the University of
Oxford, and Student of Christ Church, Oxford. **Geography.**

†*J. H. MORGAN, M.A., Professor of Constitutional Law in the Uni-
versity of London; formerly Scholar of Balliol College, Oxford;
Barrister-at-Law of the Inner Temple. **Constitutional Law.**

*A. J. SARGENT, M.A., Brasenose College, Oxford; Professor of
Commerce in the University of London. **Geography and Commerce.**

‡*C. G. SELIGMAN, M.D., F.R.S., Professor of Ethnology in the
University of London. **Ethnology.**

*H. B. LEES SMITH, M.A., Queen's College, Oxford; late Pro-
fessor of Economics and Public Administration in the University
of Bristol. **Economics and Public Administration.**

*W. TETLEY STEPHENSON, B.A., St. Catharine's College, Cambridge;
late Statistical Officer of the London Underground Railways and
the London General Omnibus Co.; formerly of the North-
Eastern Railway; Lecturer at the City and Guilds Engineering
College. **Transport.**

*E. J. URWICK, M.A., Tooke Professor of Economic Science and
Statistics, University of London. **Social Science and Administration.**

††*GRAHAM WALLAS, M.A., Corpus Christi College, Oxford; Pro-
fessor of Political Science in the University of London. **Political Science.**

*SIDNEY WEBB, LL.B., Professor of Public Administration in the
University of London. **History and Public Administration.**

†*E. A. WESTERMARCK, Ph.D., LL.D., Martin White Professor of
Sociology in the University of London; Principal of the Academy
of Abo, Finland. **Sociology.**

†*A. WOLF, D.Lit., London; M.A., Cambridge; Fellow of University
College, London; sometime Fellow of St. John's College, Cam-
bridge; Reader in Logic and Ethics in the University of London.
Logic and Scientific Method.

* Member of the Faculty of Economics and Political Science in the University
of London.

† Member of the Faculty of Laws in the University of London.

‡ Member of the Faculty of Arts in the University of London.

‡‡ Member of the Faculty of Science in the University of London.

Lecturers giving Lectures and Courses of Lectures on Special Subjects.

W. M. ACWORTH, M.A. Transport.
W. VALENTINE BALL, O.B.E., M.A., Cantab.; Barrister-at-Law.

Railway Law.

PHILIP BURTT, formerly Deputy-Manager of the North-Eastern Railway.

Railway Science and Economics.

HUGH DALTON, M.A., King's College, Cambridge; Barrister-at-Law of the Middle Temple; Hutchinson Research Student of the London School of Economics and Political Science, 1911.

Economics and Public Finance.

F. M. GRAVES, M.B.E., sometime Secretary, British Delegation, African Committee, Paris Congress, 1919.

History.

G. E. GREEN, M.A., Lecturer in History at East London College.

History.

T. E. GREGORY, B.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1913.

Commerce.

F. J. C. HEARNshaw, M.A., LL.D., Professor of History at King's College.

History.

L. CECIL JANE, M.A., University College, Oxford; late Head of Latin American Section, War Trade Intelligence Department.

Economics.

HILDA RODWELL JONES, B.Sc. (Econ.), London.

Geography.

Major LLEWELLYN R. JONES, B.Sc., London.

Geography.

C. T. LE QUESNE, B.A., late Scholar and Senior Scholar of Exeter College, Oxford; Barrister-at-Law of the Inner Temple.

Commercial Law.

Bt. Lt.-Colonel W. A. J. O'Meara, C.M.G., M.Inst.C.E.; M.I.E.E., late Royal Engineers; Barrister-at-Law of the Inner Temple.

Administration and Organisation.

ARTHUR PAGE, B.A., Oxford; Barrister-at-Law.

Commercial Law.

E. C. CLEVELAND-STEVENS, M.A., Christ Church, Oxford; D.Sc. (Econ.), London; Shaw Research Student of the London School of Economics and Political Science, 1908; Hutchinson Medallist, 1914.

Transport.

A. J. TOYNBEE, M.A., Professor of Greek History and Literature at King's College.

History.

Assistants.

P. W. BRYAN. Geography.

HUGH DALTON, M.A., King's College, Cambridge; Barrister-at-Law of the Middle Temple; Hutchinson Research Student of the London School of Economics and Political Science, 1911.

Economics.

T. E. GREGORY, B.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1913.

Commerce.

H. A. GRIMSHAW, B.A., M.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1916.

History and Public Administration.

Lt.-Colonel F. R. M. DE PAULA, O.B.E., F.C.A. Accounting.

UNIVERSITY OF LONDON. RATAN TATA DEPARTMENT OF SOCIAL SCIENCE AND ADMINISTRATION.

HEAD OF THE DEPARTMENT.

*E. J. URWICK, M.A., Tooke Professor of Economic Science and Statistics, University of London.

LECTURERS AND TUTORS IN THE DEPARTMENT.

C. R. ATTLEE, M.A., Oxford. }
MARY E. CHRISTIE, Hist. Trip., } Senior Tutors
Newnham College, Cambridge. }

AGNES A. CROSTHWAITE.

EDITH V. ECKHARD, Econ. Trip., Newnham College, Cambridge.

AGATHA HARRISON.

MINNIE L. HASKINS.

LETTICE JOWITT, Hon. Sch., Oxford.

EILEEN KEYSER.

C. M. LLOYD, M.A.

HELENA MAUDE REID, Nat. Sci. Trip., Newnham College, Cambridge.

R. H. TAWNEY, B.A., Fellow of Balliol College, Oxford.

LECTURERS GIVING LECTURES AND SHORT COURSES OF LECTURES.

HAZEL H. CHODAK, M.D., B.S., M.R.C.P., Medical Tutor, London (Royal Free Hospital) School of Medicine for Women.

J. J. MALLON, Secretary, National Anti-Sweating League.

MARION PHILLIPS, D.Sc. (Econ.), London; Chief Woman Officer of the Labour Party.

G. T. REID, B.Sc. (Econ.), London; Secretary, Court of Arbitration.

ERNEST D. SIMON, M.I.C.E.

CONSTANCE SMITH, Senior Lady Inspector of Factories, Home Office.

* Member of the Faculty of Economics and Political Science in the University of London.

Secretary and Registrar.

Miss C. S. MACTAGGART.

ACTING SECRETARY.

SPECIAL COMMERCIAL COURSES FOR EX-SERVICE STUDENTS.

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CLERKS.

Miss A. E. STOLLARD.

Miss E. WALDER. Miss D. E. GILLMAR.

Miss M. ALDEN, BOOK-KEEPER.

Librarian.

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LIBRARY ASSISTANTS.

Mrs. WATTS, SENIOR ASSISTANT.

Miss W. R. MOLLAND.

Miss E. S. SCROGGS, IN CHARGE OF PAMPHLET COLLECTION.

Miss E. B. PINDER, INDEXER.

Miss E. WALKER, CLERK.

**GENERAL ARRANGEMENTS FOR THE SESSION
1919-1920.**

The Session will be divided into three Terms:—

Michaelmas Term, Thursday, 2nd October, to Wednesday, 17th December, 1919, eleven weeks;

Lent Term, Thursday, 15th January, to Wednesday, 24th March, 1920, ten weeks;

Summer Term, Monday, 26th April, to Monday, 28th June, 1920, nine weeks.

These Terms are referred to throughout as **M.T.**, **L.T.**, and **S.T.**

The School will be closed on Whit-Monday, 24th May.

The Director will be at the School to advise students as to their courses of study on Monday and Tuesday, 29th and 30th September, and Wednesday, 1st October, from 11 a.m. to 1 p.m.; also on Monday and Tuesday, 29th and 30th September, from 3 to 7 p.m.

Lecturers responsible for Honours subjects will be at the School to meet students, by appointment, on Wednesday, 1st October, between 4 and 5.30 and between 6.30 and 7.30 p.m.

The heads of the departments of Social Science and Administration, Geography, and Commerce will be at the School to meet students on Monday and Tuesday, 29th and 30th September, and Wednesday, 1st October, from 11 a.m. to 1 p.m. The Professor of Commerce will also be glad to see students between 6 and 7 p.m., by appointment, on Monday and Tuesday and between 6.30 and 7.30 p.m. on Wednesday.

Application to join the School must be made on the proper form, to be obtained from the Secretary. All Fees must be paid in advance, either personally or by post, if possible at least two clear days before the first meeting of the class which it is desired to join. Cheques should be made payable to the Director, and crossed "London County Westminster and Parr's Bank."

The Office of the School is open daily, except Saturdays, from 10 a.m. to 5 p.m., during term to 8 p.m.; and on Saturdays from 10 a.m. to 12 noon.

Information as to the Scholarships and Prizes offered by the School, or open to Students of the School, will be found at pp. 116 to 118 of the School Calendar.

The principal Students' Societies are Common Room, the Students' Union, and the Railway Students' Association.

COMMON ROOM.

The Common Rooms are open to Members only. The sitting-room and the smoking-rooms are available during term from 10 a.m. to 9 p.m., on Saturdays from 10 a.m. to noon. Arrangements during vacation are posted on the Notice Board.

Lunch, tea, and dinner are served in the Refectory at reasonable prices. Lunch from 12.45 p.m. to 2.30 p.m., tea from 4 p.m. to 6 p.m., dinner or supper from 6.45 p.m. to 9 p.m. At 9 p.m. the Refectory is closed. Inclusive weekly terms may be arranged with the Housekeeper.

Books may be borrowed from the Students' Lending Library during such hours as the Reading Room is open.

N.B.—The Students' Lending Library must not be confused with the Reference Library, from which books must on no account be taken away.

TABLE OF FEES.**Composition Fees.**

General Composition Fee, admitting to all classes and lectures at the School, except the tutorial classes for candidates for the certificate in the Ratan Tata Department of Social Science and Administration; if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

In the Faculty of Economics for day students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes under the inter-collegiate system two hours of instruction per week throughout each session in French or German at King's College.

For the B. Com. intermediate course, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes admission to all the subjects which may be studied in the School itself, *i.e.*, all compulsory subjects for the intermediate examination and two of the optional subjects, *viz.*, Mathematics and History. It also admits to a course in one language to be taken under the inter-collegiate system at another School of the University. Students who wish to take other optional subjects will be required to pay the fee in addition.

Students working for a first degree in the Faculty of Economics whose mother tongue is not English, are expected to attend, during the first session, the special tutorial classes provided for their benefit in the subjects of the intermediate examination, see p. 15, section 6, of the School Calendar. Fee, if prepaid for the session, £5 5s.; if paid terminally, £2 2s. for each term.

In the Faculty of Economics for evening students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £10 10s.; if paid terminally, £4 4s. for each term. No teaching in languages is included in this fee.

For the B. Com. intermediate course covering a period of two sessions and admitting to a course in one language to be taken under the inter-collegiate system at another School of the University, if prepaid for the two sessions, £15 15s.; if paid in annual instalments, in the first session, £10 10s., and in the second session, £7 7s.; or if paid terminally, during the first session, £4 4s. each term during the second session, £3 3s. each term.

In the Faculty of Laws, for the LL.B., if prepaid for the whole session, £12 12s.; if paid terminally, £5 5s. for each term.

These fees admit only to the LL.B. inter-collegiate courses held at the London School of Economics and Political Science, University College, and King's College. They include the payment of Union and Common Room fees, and entitle the student also to Common Room privileges at the two other Colleges.

Research Fees.

Research students who have access to the Library and are placed in communication with those lecturers and others able to assist them may be enrolled at any time. Fee, if prepaid for the

whole session, £3 3s.; if paid terminally, £1 11s. 6d. for each term; for any period not exceeding six weeks from entry, £1 1s.

Advanced students receiving guidance from the lecturers either individually or in a seminar will pay the Research Fee.

In the Faculty of Economics.—Fees for candidates for higher degrees registered under Statutes 113 and 129, M.Sc. or D.Sc., if prepaid for two sessions, £15 15s.; if paid sessionally, £10 10s. for each session; if paid terminally, £4 4s. for each term.

In the Faculty of Laws, for the LL.D., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

In the Faculty of Arts, for the M.A. or D.Lit., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

Departmental Fees.

In the Ratan Tata Department of Social Science and Administration, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. These fees admit to all classes and lectures at the School. For the joint course with the Household and Social Science Department of King's College for Women the fee is thirty guineas if prepaid for the whole session; if paid terminally, £11 11s. for each term.

For Candidates for the Geography Certificate, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

For Candidates for the Academic Diploma in Geography, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. Students spreading their course over two years are expected to pay a further fee of £3 3s. in the second year.

These fees admit also to the necessary lectures at University College.

For Candidates for the Commercial Certificate, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. These fees admit also to the necessary language classes.

For the Special Courses of Commercial Training for Ex-Service Students, £6 6s. for each course.

Course Fees.

The fee for each separate course will be found set out in the general list of lectures and classes commencing at p. 17.

Common Room Subscription.—The Common Room and Lending Library Subscription is 2s. 6d. a term, or 5s. a session.

Lockers are provided at a rent of 1s. a term, or 2s. 6d. a session. A deposit of 2s. 6d. is required, to be given back when the key of the locker is returned.

A student renting a locker for one term only is required either to renew his subscription or to give up the key on or before the last day of term. Otherwise the deposit will be held to be forfeited.

TIME-TABLES OF
LECTURES AND CLASSES 1919-20.

MICHAELMAS TERM.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 17 to 40.	Date of beginning
<i>Monday:</i>				
11.0 a.m.	Social Philosophy	Miss CHRISTIE ..	135	13th Oct.
11.0 ..	Accounts of Traders and Companies	Prof. DICKSEE & Colonel DE PAULA	155	6th ..
11.0 ..	The Study of Society	Prof. HOBHOUSE ..	110	.. ..
12.0 noon	Social Philosophy (Class) ..	Miss CHRISTIE ..	135	13th ..
12.0 ..	Accounts of Traders and Companies (Class)	Prof. DICKSEE & Colonel DE PAULA	156	.. ..
12.0 ..	The Study of Society (Class) ..	Prof. HOBHOUSE ..	111	6th ..
2.30 p.m.	Coal, Water and Oil	Prof. SARGENT ..	144	13th ..
3.0 ..	Seminar	Prof. HOBHOUSE ..	116	6th ..
3.30 ..	International Law (War) ..	Prof. PEARCE HIGGINS	71	.. ..
4.30 ..	International Law (Class) ..	Prof. PEARCE HIGGINS	71	.. ..
6.0 ..	Advanced Mathematics	Prof. BOWLEY ..	16	.. ..
6.0 ..	Accounts of Traders and Companies	Prof. DICKSEE & Colonel DE PAULA	156	.. ..
6.0 ..	Accounting, Part I. (Class) ..	Prof. DICKSEE & Colonel DE PAULA	157	13th ..
6.0 ..	Historical Geography	Mr. MACKINDER ..	91	3rd Nov.
6.15 ..	Constitutional Law, Part I. ..	Prof. MORGAN ..	66	6th Oct.
6.15 ..	Railway Construction and Locomotive Operation	Mr. STEPHENSON ..	183	.. ..
6.30 ..	Commercial Law, Part II. ..	Mr. PAGE ..	63	.. ..
7.0 ..	Accounts of Traders and Companies (Class)	Prof. DICKSEE & Colonel DE PAULA	156	13th ..
7.0 ..	Accounting, Part I.	Prof. DICKSEE & Colonel DE PAULA	157	6th ..
7.15 ..	Constitutional Law (Class) ..	Prof. MORGAN ..	66	.. ..
7.30 ..	Commercial Law (Class) ..	Mr. PAGE ..	63	.. ..
8.0 ..	Administration & Organisation ..	Col. O'MEARA ..	161	13th ..

Tuesday:

10.45 a.m.	Economic Position of the Great Powers	Dr. KNOWLES ..	51	7th Oct.
11.0 ..	Geography	Major JONES & Miss RODWELL JONES ..	82	.. ..

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 17 to 40.	Date of beginning
<i>Tuesday—contd.</i>				
12.0 noon	Statistics	Prof. BOWLEY ..	12	7th Oct.
12.0 ..	Currency and Banking	Prof. FOXWELL ..	167	.. ..
12.0 ..	Geography	Major JONES & Miss RODWELL JONES ..	82	.. ..
12.0 ..	Social Economics	Prof. URWICK & Miss CHRISTIE	132	.. ..
2.0 p.m.	Ethnology	Prof. SELIGMAN ..	98	.. ..
3.0 ..	Economic Theory (Advanced) ..	Prof. CANNAN ..	2	.. ..
3.0 ..	Voluntary Effort	Miss ECKHARD ..	130	4th Nov.
3.0 ..	Practical Work and Observation	Prof. URWICK ..	125	7th Oct.
5.0 ..	English Local Government ..	Mr. ATTLEE ..	131	14th ..
5.0 ..	Economic Theory (Class) ..	Prof. CANNAN ..	3	7th ..
6.0 ..	Mathematics	Prof. BOWLEY ..	18	.. ..
6.0 ..	Economic Theory (Advanced) ..	Prof. CANNAN ..	2	.. ..
6.0 ..	First Principles of Economics ..	Mr. DALTON ..	5	.. ..
6.0 ..	Banking	Prof. FOXWELL ..	169	14th ..
6.0 ..	Logic	Dr. WOLF ..	19	7th ..
6.30 ..	Health and the Worker	Dr. HAZEL H. CHODAK ..	128	.. ..
7.0 ..	Mathematics	Prof. BOWLEY ..	18	.. ..
7.0 ..	History of Currency and Banking	Prof. FOXWELL ..	170	.. ..
7.0 ..	Logic (Class)	Dr. WOLF ..	19	.. ..
7.15 ..	Public Finance	Mr. DALTON ..	44	.. ..
8.0 ..	English Local Government ..	Mr. ATTLEE ..	131	14th ..
8.0 ..	South America	Mr. JANE ..	53	.. ..
<i>Wednesday:</i>				
10.30 a.m.	Public Finance	Mr. DALTON ..	44	8th Oct.
10.45 ..	Economic History (First Year)	Dr. KNOWLES ..	55	.. ..
10.45 ..	Social History	Mr. TAWNEY ..	134	.. ..
12.0 noon	Elements of Commerce	Mr. GREGORY ..	140	15th ..
12.0 ..	Industry, the State and the Public	Mr. LLOYD ..	137	8th ..
12.0 ..	Local Government (Introductory)	Mr. LEES SMITH ..	40	.. ..
12.0 ..	Local Government	Prof. GRAHAM WALLAS ..	41	.. ..
2.0 p.m.	Early Man in Western Europe	Prof. SELIGMAN ..	99	.. ..
3.0 ..	Detailed Geography	Major JONES ..	85	.. ..
3.0 ..	Social Philosophy	Prof. HOBHOUSE ..	112	.. ..
3.0 ..	Early Man in Western Europe (Class)	Prof. SELIGMAN ..	100	.. ..
4.0 ..	Social Philosophy (Class) ..	Prof. HOBHOUSE ..	113	.. ..
4.30 ..	Railways in relation to the State	Mr. BURTT ..	184	.. ..

Short Title.	Lecturer.	No. of Course in Lecture List on pp. 17 to 40.	Date of beginning.
<i>Wednesday—contd.</i>			
*5.0 p.m. British Prize Courts and Prize Law during the Great War ..	Prof. PEARCE HIGGINS..	61	8th Oct.
*5.30 .. The Public Service in War and in Peace	The DIRECTOR ..	25	1st ..
6.0 .. Geography	Major JONES & Miss RODWELL JONES	82	8th ..
6.0 .. Economic Position of the Great Powers	Dr. KNOWLES ..	51	.. ..
6.15 .. Law of Carriage	Mr. BALL ..	186	.. ..
6.15 .. Principal Factors in Railway Operating	Mr. BURTT..	160	.. ..
6.15 .. Cost Accounts and Efficiency Methods.. .. .	Prof. DICKSEE ..	159	15th ..
6.15 .. Railway Rates and Fares	Mr. STEPHENSON ..	177	8th ..
7.0 .. Geography	Major JONES & Miss RODWELL JONES	82	.. ..
7.15 .. Commerce of the Great Powers	Mr. GREGORY ..	143	.. ..
<i>Thursday :</i>			
10.30 a.m. Economic History (Second Year)	Dr. KNOWLES ..	56	2nd Oct.
11.0 .. Mathematics	Prof. BOWLEY ..	18	.. ..
11.0 .. Logic	Dr. WOLF ..	19	.. ..
12.0 noon Mathematics	Prof. BOWLEY ..	18	.. ..
12.0 .. Commerce of the Great Powers	Mr. GREGORY ..	143	.. ..
12.0 .. Logic (Class)	Dr. WOLF ..	19	.. ..
2.30 p.m. Local Government (Class)	Mr. GRIMSHAW ..	41	9th ..
3.30 .. Problems of Central Government	Mr. LEES SMITH..	32	.. ..
†5.30 .. International Labour Legislation	Sir JOHN MACDONELL	74	20th Nov.
6.0 .. Statistics	Prof. BOWLEY ..	12	2nd Oct.
6.0 .. Elements of Commerce	Mr. GREGORY ..	140	9th ..
6.0 .. Economic History (Second Year)	Dr. KNOWLES ..	56	2nd ..
6.0 .. Local Government (Introductory)	Mr. LEES SMITH..	40	.. ..
*6.15 .. Railway Professional Education	Mr. ACWORTH ..	175	.. ..
6.15 .. Geography of the Railways and Seaports of Asia	Prof. SARGENT ..	176	9th ..
7.0 .. Statistics (Advanced)	Prof. BOWLEY ..	14	2nd ..
7.15 .. Economic History (First Year)	Dr. KNOWLES ..	55	.. ..
7.15 .. Local Government	Prof. GRAHAM WALLAS ..	41	.. ..
8.0 .. Railway Rates and Charges	Mr. BURTT ..	182	.. ..
8.15 .. Economic History (Class)	Mr. GRIMSHAW ..	55	.. ..
8.15 .. Local Government (Class)	Mr. GRIMSHAW ..	41	9th ..
8.15 .. Industry, the State and the Public	Mr. LLOYD ..	137	2nd ..

* Single lecture. Open to the public without fee.
† Open to the public without fee.

Short Title.	Lecturer.	No. of Course in Lecture List on pp. 17 to 40.	Date of beginning.
<i>Friday :</i>			
11.0 a.m. World History	Prof. HEARNshaw and others ..	50	3rd Oct.
11.0 .. British Constitution	Mr. LEES SMITH ..	29	.. ..
12.0 noon Elements of Economics	Prof. CANNAN ..	1	.. ..
12.15 p.m. Public Administration (Class)..	Mr. LEES SMITH ..	37	.. ..
2.30 .. Elements of Economics (Class)	Mr. DALTON ..	1	.. ..
2.30 .. Economic History (Class)	Mr. GRIMSHAW ..	55	10th ..
3.0 .. Map Class	Major JONES & Miss RODWELL JONES	83	3rd ..
4.30 .. General Economics (Transport)	Mr. STEPHENSON	187	.. ..
5.0 .. Some Problems of Industry	Mr. DALTON ..	6	.. ..
*5.0 .. The Importance of the River Rhine in the New Map of Europe	Mr. MACKINDER ..	81	.. ..
5.0 .. Economic Geography (Seminar)	Prof. SARGENT ..	90	.. ..
5.0 .. Developments arising out of the War	Mr. LEES SMITH ..	42	10th ..
6.0 .. Elements of Economics	Prof. CANNAN ..	1	3rd ..
6.0 .. Accounting, Part II. (Class)	Prof. DICKSEE & Colonel DE PAULA	158	10th ..
6.0 .. Detailed Geography	Miss RODWELL JONES	86	3rd ..
6.15 .. Constitutional Law, Part II.	Prof. MORGAN ..	68	.. ..
6.15 .. European Railways	Mr. STEPHENSON ..	185	.. ..
6.30 .. Commercial Law, Part I.	Mr. LE QUESNE ..	62	.. ..
7.0 .. Accounting, Part II.	Prof. DICKSEE & Colonel DE PAULA	158	.. ..
7.0 .. International Law (Class)	Prof. PEARCE HIGGINS	72	10th ..
7.15 .. World History	Prof. HEARNshaw and others ..	50	3rd ..
7.15 .. Constitutional Law (Class)	Prof. MORGAN ..	68	.. ..
7.15 .. British Constitution	Mr. LEES SMITH ..	29	.. ..
7.30 .. Commercial Law (Class).. .. .	Mr. LE QUESNE ..	62	.. ..
8.0 .. International Law (Peace)	Prof. PEARCE HIGGINS	72	.. ..
8.0 .. Railway Economics—Commercial	Mr. STEPHENSON ..	181	.. ..
8.15 .. Elements of Economics (Class)	Mr. DALTON ..	1	10th ..
<i>Saturday :</i>			
11.0 a.m. Map Class.. .. .	Major JONES & Miss RODWELL JONES	84	4th ..
11.0 .. The British Empire under the New Conditions of the World	Mr. MACKINDER ..	93	18th ..

* Single lecture. Open to the public without fee.

DETAILED LIST

of Lectures, Classes, and Seminars.

Session 1919-20.

The following **PUBLIC LECTURES** have been arranged:—

The Public Service in War and in Peace, a lecture by Sir WILLIAM BEVERIDGE, K.C.B., Director of the School, on Wednesday, 1st October, at 5.30 p.m. Sir ARTHUR STEEL-MAITLAND, Bart., M.P., in the Chair.

Railway Professional Education, a lecture by Mr. ACWORTH, on Thursday, 2nd October, at 6.15 p.m. The Right Hon. Sir ERIC GEDDES, G.C.B., G.B.E., M.P., Minister of Transport, in the Chair.

The Importance of the River Rhine in the New Map of Europe, a lecture by Mr. H. J. MACKINDER, M.P., on Friday, 3rd October, at 5 p.m. Colonel L. S. AMERY, M.P., Under Secretary for the Colonies, in the Chair.

British Prize Courts and Prize Law during the Great War, a lecture by Professor PEARCE HIGGINS, on Wednesday, 8th October, at 5 p.m. The Right Hon. the Lord High Chancellor in the Chair.

* International Labour Legislation, a course of three lectures by Professor Sir JOHN MACDONELL, on Thursdays, at 5.30 p.m., in Michaelmas Term, beginning 20th November.

* These lectures are given at the London School of Economics and Political Science with the approval of the Senate and by arrangement with the Council of University College.

ARRANGEMENTS FOR THE SESSION 1919-20.

Syllabuses of most of the following courses will be found in the School Calendar on pp. 32-83.

A.—ECONOMICS, INCLUDING STATISTICS.

(See p. 32 of the School Calendar.)

1. **The Elements of Economics**, a course of thirty lectures by Professor CANNAN, on Fridays, at 12 noon, beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course Mr. DALTON will hold a class on alternate Fridays, at 2.30 p.m., beginning 3rd October.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

The class for evening students taken by Mr. DALTON in connection with this course will meet on alternate Fridays, at 8.15 p.m., beginning 10th October.

2. **Principles of Economics, including the History of Economic Theory**, a course of sixty lectures extending over two years, for second and third year students dealing in greater detail with the subjects set forth in the syllabus of course No. 1 by Professor CANNAN, on Tuesdays at 3 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee £1 11s. 6d.; Terminal Fee, 12s. 6d.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

3. **Economic Theory (Class)**. Professor CANNAN will hold a special class on Tuesdays, at 5 p.m., beginning 7th October, for students proceeding to the Final Examination for the degree of B.Sc. (Econ.). Admission to the class will be exclusively by permission of Professor CANNAN. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

4. **Economic Theory**. Seminar by Professor CANNAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

5. **First Principles of Economics**, a course of thirty lectures by Mr. DALTON, on Tuesdays, at 6 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

132. Social Economics, a course of thirty lectures by Professor URWICK and Miss CHRISTIE, on Tuesdays, at 12 noon, beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

133. The Application of Economic Principles to Social Questions, a course of nine lectures by Professor URWICK and Miss CHRISTIE, on Mondays, at 11 a.m., in Summer Term, beginning 26th April. Fee, 12s. 6d.

187. General Economics, with special reference to Transport, a course of ten lectures by Mr. STEPHENSON, on Fridays, at 4.30 p.m., in Michaelmas Term, beginning 3rd October. Fee, 12s. 6d.

6. Some Problems of Industry, a course of thirty lectures by Mr. DALTON, on Fridays, at 5 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

7. Modern Developments in the Government of Industry, a course of six lectures by Professor SIDNEY WEBB, on Tuesdays, at 5 p.m., in Lent Term, beginning 20th January. Fee, 10s. 6d.

TOOKE LECTURES.

8. Wage Systems: a detailed Examination, a course of ten lectures by Professor URWICK, on Wednesdays, at 5 p.m., in Lent Term, beginning 21st January. Fee, 12s. 6d.

11. Introduction to Statistics, a course of ten lectures by Professor BOWLEY, on Tuesdays, at 2.30 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

A practical class, in which statistical material will be criticised and tabulated, will be held immediately after each lecture.

Fee for lectures and class, £1 1s.

12. Methods and Applications of Statistics, a general elementary course of thirty lectures by Professor BOWLEY, on Tuesdays, at 12 noon, beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

This course is suitable for students taking both parts of the statistical paper in the examination for the Pass degree in the Faculty of Economics and Political Science. Lectures 1—15 meet the needs of students taking the first part of the paper.

The whole of the lectures in the Michaelmas and Lent Terms form a suitable course for students working for Honours degrees.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 2nd October, for evening students.

13. Logic and Scientific Method (senior course), a course of fifteen lectures by Dr. WOLF, on Thursdays, at 6 p.m., in Lent and Summer Terms, beginning L.T. 12th February, S.T. 29th April. Fee for the course, £1 1s.

These lectures are intended for B.Sc. (Econ.) Pass candidates who took Logic in the intermediate examination. They are the continuation of the course begun by Professor Bowley, No. 12 above, lectures 1—15.

14. Methods and Applications of Statistics, a general advanced course of thirty lectures by Professor BOWLEY, on Thursdays, at 7 p.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

This course is in continuation of the elementary lectures, 1918-19, and deals with technical and mathematical statistics from a more advanced point of view.

15. Current Statistical Questions, a course of ten lectures by Professor BOWLEY, on Mondays, at 7 p.m., in Lent Term, beginning 19th January. Fee, 12s. 6d.

16. Advanced Mathematics, a course of thirty lectures by Professor BOWLEY, on Mondays at 6 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

This course is suitable for advanced students of Statistics and Mathematical Economics. Knowledge of the subjects of the Intermediate Science (Econ.) syllabus is assumed.

17. Statistical Investigation. Seminar by Professor BOWLEY. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

PREPARATORY LECTURES,

leading up to the study either of Statistical Method or of Scientific Method generally.

18. Mathematics Preparatory to Statistics, a general course by Professor BOWLEY, on Thursdays, from 11 a.m. to 1 p.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £2 12s. 6d.; Terminal Fee, £1 1s.

The above course will be repeated on Tuesdays, from 6 to 8 p.m., beginning 7th October, for evening students.

19. Logic and Scientific Method, a general course of thirty lectures by Dr. WOLF, on Thursdays, at 11 a.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April.

In connection with this course the lecturer will hold a class on Thursdays, at 12 noon.

Fee, Sessional £2 12s. 6d.; Terminal £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

The above course will be repeated on Tuesdays, at 6 p.m., beginning 7th October, for evening students.

The class for evening students in connection with this course will meet on Tuesdays, at 7 p.m.

20. **Logic and Scientific Method (Class).** Dr. WOLF will hold a special class on Mondays, at 6 p.m., in Summer Term, beginning 26th April, for students proceeding to the Intermediate Examination in the Faculty of Economics and Political Science.

B.—POLITICS AND PUBLIC ADMINISTRATION.

(See page 38 of the School Calendar.)

INAUGURAL LECTURE.

25. **The Public Service in War and in Peace**, a lecture by Sir WILLIAM BEVERIDGE, K.C.B., Director of the School, on Wednesday, 1st October, at 5.30 p.m. Sir ARTHUR STEEL-MAITLAND, Bart., M.P., in the Chair. Open to the public without fee.

26. **The History of Political Ideas in connection with the History of Europe and the United States**, a course of nineteen lectures by Mr. DICKINSON, on Tuesdays, at 7.15 p.m., in Lent and Summer Terms, beginning L.T. 20th January, S.T. 27th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

27. **The Psychology of Modern Society**, a course of twenty lectures by Professor GRAHAM WALLAS, on Thursdays, at 5 p.m., in Lent and Summer Terms, beginning L.T. 15th January, S.T. 29th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

28. **Political Science.** Seminar by Professor GRAHAM WALLAS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

29. **The British Constitution**, a course of thirty lectures by Mr. LEES SMITH, on Fridays, at 11 a.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

The above course of lectures will be repeated at 7.15 p.m. on the same day for evening students.

30. **The Government Departments of the United Kingdom and their Official Staff**, a course of ten lectures by Professor GRAHAM WALLAS, on Tuesdays, at 6 p.m., in Lent Term, beginning 20th January. Fee 12s. 6d.

31. **The Central Government of the United Kingdom**, a course of thirty lectures by Mr. LEES SMITH, in the session, 1920-21.

32. **Problems of Central Government**, a course of twenty lectures by Mr. LEES SMITH, on Thursdays, at 3.30 p.m., in Michaelmas and Lent Terms, beginning M.T. 9th October, L.T. 15th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

33. **The Future of Parliamentary Institutions**, a course of five lectures by Mr. LEES SMITH, on Fridays, at 5 p.m., in Summer Term, beginning 30th April. Fee, 7s. 6d.

34. **Mandatory States (The League of Nations)**, a course of three lectures by Professor MORGAN, on Wednesdays, at 6 p.m., in Lent Term, beginning 28th January. Fee, 5s.

London teachers, who will have precedence should it be necessary to limit the class, may obtain admission through the Education Officer, L.C.C. Education Department, Victoria Embankment, W.C. 2, to whom they should apply for particulars of special terms.

35. **Federal Government**, a course of six lectures by Professor MORGAN, on Fridays, at 5 p.m., in Summer Term, beginning 30th April. Fee, 10s. 6d.

36. **The British Empire**, a course of eight lectures by Professor GRAHAM WALLAS, on Tuesdays, at 5 p.m., in Summer Term, beginning 27th April. Fee, 12s. 6d.

37. **Public Administration, with reference to the Central and Local Government of Great Britain (Class).** Mr. LEES SMITH will hold a special class on Fridays, at 12.15 p.m., beginning 3rd October, for students proceeding to the Final Examination for the degree of B.Sc. (Econ.) and other advanced students. Admission to the class will be exclusively by permission of Mr. LEES SMITH. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

38. **Public Administration.** Seminar by Mr. LEES SMITH. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

39. Professor SIDNEY WEBB will also meet research students from time to time by arrangement.

40. **The Local Government of England**, a course of eleven lectures by Mr. LEES SMITH, on Wednesdays, at 12 noon, in Michaelmas Term, beginning 8th October. Fee, 12s. 6d.

This course is intended as an introductory sketch of English local government at the present day.

The above course of lectures will be given also on Thursdays, 6 p.m., beginning 2nd October, for evening students.

41. Public Administration, with special reference to the Local Government of Great Britain, a course of thirty lectures by Professor GRAHAM WALLAS, on Wednesdays, at 12 noon, beginning M.T. 8th October, L.T. 21st January, S.T. 28th April.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Thursdays, at 2.30 p.m., beginning 9th October.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

The above course of lectures will be given also on Thursdays, at 7.15 p.m., beginning 2nd October, for evening students.

The class for evening students taken by Mr. GRIMSHAW in connection with this course will meet on alternate Thursdays, at 8.15 p.m., beginning 9th October.

42. Social and Constitutional Developments arising out of the War, a course of twenty lectures by Mr. LEES SMITH, on Fridays, at 5 p.m., in Michaelmas and Lent Terms, beginning M.T. 10th October, L.T. 16th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

43. Tariffs and Tariff Administration, a course of ten lectures by Mr. GREGORY, on Tuesdays, at 6 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

44. Public Finance, a course of eleven lectures by Mr. DALTON, on Wednesdays, at 10.30 a.m., in Michaelmas Term, beginning 8th October. Fee, 12s. 6d.

The above course of lectures will be given also on Tuesdays, at 7.15 p.m., beginning 7th October, for evening students.

C.—HISTORY.

(See page 43 of the School Calendar.)

The Department of Palæography and Diplomatic has been transferred to King's College. Students of the London School of Economics and Political Science continuing their work under Mr. Hall will do so at King's College under the inter-collegiate system.

50. World History, with special reference to the 19th century, a course of thirty lectures by Professor HEARNSHAW, Professor TOYNBEE and Mr. GREEN, on Fridays, at 11 a.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

(a). GENERAL INTRODUCTORY SKETCH, one lecture by Professor HEARNSHAW.

(b). ANCIENT HISTORY, six lectures by Professor TOYNBEE, beginning 10th October. Fee, 10s. 6d.

(c). MEDIEVAL HISTORY, four lectures by Professor HEARNSHAW, beginning 21st November. Fee, 7s. 6d.

(d). EARLY MODERN, ten lectures by Mr. GREEN, beginning 16th January. Fee, 12s. 6d.

(e). THE 19TH CENTURY AND AFTER, nine lectures by Professor HEARNSHAW, beginning 30th April. Fee, 12s. 6d.

The above course of lectures will be repeated at 7.15 p.m. on the same day for evening students.

51. The Economic Position of the Great Powers, a course of thirty lectures by Dr. KNOWLES, on Tuesdays, at 10.45 a.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

The above course of lectures will be repeated on Wednesdays, at 6 p.m., beginning 8th October, for evening students.

52. The Political Position of the Great Powers, including the United States, a course of thirty lectures in the session 1920-21.

53. The Commerce and Commercial Problems of the Great Powers, a course of thirty lectures by Mr. GREGORY, on Thursdays, at 12 noon, beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

The above course of lectures will be repeated on Wednesdays, at 7.16 p.m., beginning 8th October, for evening students.

54. South America: its Economic Past and Future, a course of ten lectures by Mr. JANE, on Tuesdays, at 8 p.m., in Michaelmas Term, beginning 14th October. Fee, 12s. 6d.

55. The Partition of Africa, a course of ten lectures by Miss GRAVES, on Thursdays, at 6 p.m., in Lent Term, beginning 15th January. Fee, 12s. 6d.

56. Economic History: The Growth of English Industry, with special reference to the period after 1760, a course of thirty lectures by Dr. KNOWLES, on Wednesdays, at 10.45 a.m., beginning M.T. 8th October, L.T. 21st January, S.T. 28th April.

These lectures will be throughout of an elementary character.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee, for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Fridays, at 2.30 p.m., beginning 10th October, when Dr. KNOWLES will address the class.

The above course of lectures will be given also on Thursdays, at 7.15 p.m., beginning 2nd October, for evening students.

The class for evening students taken by Mr. GRIMSHAW in connection with this course will meet on alternate Thursdays, at 8.15 p.m., beginning 2nd October when Dr. KNOWLES will address the class.

56. **The Growth of English Commerce and Colonisation**, with special reference to the period after 1846, a course of thirty lectures by Dr. KNOWLES, on Thursdays, at 10.30 a.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

57. **Economic History: English Economic Development between 1485 and 1760**, a course of thirty lectures by Dr. KNOWLES, in the session 1920-21.

58. **Economic History. Seminar** by Dr. KNOWLES. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

D.—LAW.

(See page 48 of the School Calendar.)

Particulars of lectures on Railway Law are given on p. 39.

INAUGURAL LECTURE.

61. **British Prize Courts and Prize Law during the Great War**, a lecture by Professor PEARCE HIGGINS, on Wednesday, 8th October, at 5 p.m. The Right Hon. the Lord Chancellor in the Chair. Open to the public without fee.

62 and 63. **Commercial Law**, a course of sixty lectures by Mr. LE QUESNE and Mr. PAGE, on Mondays and Fridays, at 6.30 p.m.

62. **Commercial Law.—Part I.**—Thirty lectures on Fridays, at 6.30 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with these lectures a class will be held at 7.30 p.m.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

(a) **GENERAL PRINCIPLES OF THE LAW OF CONTRACTS**, eleven lectures, beginning 3rd October. Fee, £1 1s.; for lectures only, 12s. 6d.

(b) **NEGOTIABLE INSTRUMENTS**, five lectures, beginning 16th January. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(c) **BANKING AND GUARANTEE**, five lectures, beginning 20th February. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(d) **SALE OF GOODS**, five lectures, beginning 30th April. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(e) **AGENCY**, four lectures, beginning 4th June. Fee, 12s. 6d.; for lectures only, 7s. 6d.

63. **Commercial Law.—Part II.**—Thirty lectures on Mondays, at 6.30 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with these lectures a class will be held at 7.30 p.m.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

(f) **BANKRUPTCY**, eleven lectures, by Mr. PAGE, beginning 6th October. Fee, £1 1s.; for lectures only, 12s. 6d.

(g) **CARRIAGE BY LAND AND SEA**, five lectures by Mr. LE QUESNE, beginning 19th January. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(h) **MARINE INSURANCE**, five lectures, by Mr. LE QUESNE, beginning 23rd February. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(i) **COMPANY LAW**, five lectures by Mr. LE QUESNE, beginning 26th April. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(k) **THE LAW OF PARTNERSHIP**, four lectures by Mr. LE QUESNE, beginning 7th June. Fee, 12s. 6d.; for lectures only, 7s. 6d.

64. **Industrial Law**, a course of ten lectures in the session 1920-21.

65. **Commercial and Industrial Law. Seminar** by Mr. LE QUESNE. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

66 and 68. **Constitutional Law and its History**, a course of sixty lectures by Professor MORGAN, on Mondays and Fridays, at 6.15 p.m.

66. **Constitutional Law and its History.—Part I.** Thirty lectures on Mondays, at 6.15 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with these lectures a class will be held at 7.15 p.m.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

67. **Constitutional Law (Class).**—Professor MORGAN will hold a special class in Summer Term, for students in the Faculty of Laws for the discussion of cases and statutes and the interpretation of mediæval documents.

68. Constitutional Law and its History.—Part II. Thirty lectures on Fridays, at 6.15 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with these lectures a class will be held at 7.15 p.m.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Advanced students who are interested in comparative constitutional law are invited to consult the lecturer as to the choice of French and German authorities. Professor MORGAN will be glad to see students desiring to consult him, at the School, on Fridays between 5.30 and 6 p.m. during term, by appointment.

69. The Constitutional Law of the British Colonies, a course of twenty lectures by Professor MORGAN, on Thursdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 9th October, L.T. 15th January. Fee for the course, £2 2s.

These lectures will be given at University College. Students paying the Composition Fee at the London School of Economics and Political Science may attend them without further payment. Tickets of admission are necessary, and may be obtained in the Secretary's office.

70. Constitutional Law and its History. Seminar by Professor MORGAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

71. International Law (War and Neutrality), a course of thirty lectures by Professor PEARCE HIGGINS, on Mondays, at 3.30 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with this course Professor PEARCE HIGGINS will hold a class on Mondays at 4.30 p.m.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

72. International Law (Peace), a course of thirty lectures by Professor PEARCE HIGGINS, on Fridays, at 8 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course Professor PEARCE HIGGINS will hold a class on Fridays, at 7 p.m., beginning 10th October.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

73. International Law. Seminar by Professor PEARCE HIGGINS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

74. *International Labour Legislation, a course of three lectures by Professor SIR JOHN MACDONELL, on Thursdays, at 5.30 p.m., in Michaelmas Term, beginning 20th November. Open to the public without fee.

75. The History of English Law, a course of twenty lectures by Professor MORGAN, on Thursdays, at 7.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 9th October, L.T. 15th January. Fee for the course, £2 2s.

The lecturer will advise students as to text-books and authorities at his first lecture.

These lectures will be given at University College. Students paying the Composition Fee at the London School of Economics and Political Science may attend them without further payment. Tickets of admission are necessary, and may be obtained in the Secretary's Office.

Other lectures in the Faculty of Laws to which the Composition Fee in that Faculty gives access.

†i. **Roman Law,** by Professor MURISON, on Tuesdays and Thursdays, at 6 p.m., beginning 7th October. Held at University and King's Colleges. First meeting at University College. (60 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s.

†ii. **The Origin, History, and General Principles of English Equity, Jurisprudence, etc.,** by Mr. HURST, on Tuesdays, at 6 p.m., beginning 7th October. (50 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s.

†iii. **Civil Procedure,** by Mr. HURST, on Tuesdays, at 7 p.m., in Michaelmas Term, beginning 7th October. (10 hrs.) Fee, £1 1s.

†iv. **Indian Law,** on Tuesdays and Thursdays, at 2 p.m. (60 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s. Lecturer to be announced later.

†v. **Comparative Law,** by Professor Sir JOHN MACDONELL, on Wednesdays, at 5.30 p.m., in Michaelmas and Lent Terms, beginning 22nd October. (20 hrs.) Open to the public without fee.

†vi. **Roman Dutch Law,** by Professor MURISON, on Tuesdays, at 4 p.m., beginning 7th October. (30 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s.

†Roman Law. See No. i. above.

†vii. **Jurisprudence, Analytical and Historical,** by Dr. HIBBERT, on Thursdays, at 7 p.m., beginning 9th October. (45 hrs.) Fee, Sessional, £4 4s.; Terminal, £1 11s. 6d.

†viii. **Elements of Contract and Tort,** by Mr. HUSSEY GRIFFITH, on Fridays, at 6 p.m., beginning 3rd October. (45 hrs.) Fee, Sessional, £4 4s.; Terminal, £1 11s. 6d.

* These lectures are given at the London School of Economics and Political Science with the approval of the Senate and by arrangement with the Council of University College.

† At University College.

‡ At King's College.

*ix. **Criminal Law and Procedure**, by Mr. ARTHUR PAGE, on Wednesdays, at 6 p.m., in Lent and Summer Terms, beginning 14th January. (20 hrs.) Terminal Fee, £1 1s.

*x. **Law of Evidence**, by Dr. HIBBERT, on Thursdays, at 6 p.m., in Summer Term, beginning 29th April. (10 hrs.) Fee, £1 1s.

*xi. **Law of Real and Personal Property**, by Mr. MACKAY, on Mondays, at 5.30 p.m., beginning 6th October. (60 hrs.) Fee, Sessional, £5 5s.; Terminal, £2 2s.

*xii. **Private International Law**, by Dr. HIBBERT, on Thursdays, at 6 p.m., in Michaelmas and Lent Terms, beginning 9th October. (20 hrs.) Terminal Fee, £1 1s.

*xiii. **History of Law of Real Property**, by Mr. MACKAY, on Fridays, at 5.30 p.m., in Michaelmas Term, beginning 10th October. (10 hrs.) Fee, £2 2s.

*xiv. **Banking Law**, on Mondays or Thursdays, at 6.30 p.m., in Lent Term, beginning 12th January. (4 hrs.) Free to Bank Clerks. Lecturer to be announced later.

And others.

E.—GEOGRAPHY.

(See page 56 of the School Calendar).

INAUGURAL LECTURE.

81. The Importance of the River Rhine in the new Map of Europe, a lecture by Mr. MACKINDER on Friday, 3rd October, at 5 p.m. Colonel L. S. Amery, M.P., Under Secretary for the Colonies, in the Chair. Open to the public without fee.

82. Geography, a general course for the Intermediate Examination, by Major JONES and Miss RODWELL JONES, on Tuesdays, from 11 a.m. to 1 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £2 12s. 6d. Terminal Fee, £1 1s.

The above course will be repeated on Wednesdays, from 6 to 8 p.m., beginning 8th October, for evening students.

83. A Map Class in Geography will meet under the direction of Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Fridays, at 3 p.m., throughout the session, beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Fee, £3 3s.

NOTE.—This course is intended primarily for teachers of Geography, but the requirements of students preparing for Indian Civil Service and other examinations will be specially considered, as also the needs of those training as draughtsmen and map-compilers.

The number of students who may be admitted is limited to sixteen. Application to join must be received not later than Friday, 19th September. Preference will be given to students who have previously attended lectures on Geography at the School. Some previous knowledge of Geography is essential.

* At King's College.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £1 11s. 6d. a session or 12s. 6d. a term.

84. A Map Class in Geography will meet under the direction of Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Saturdays, at 11 a.m., throughout the session, beginning M.T. 4th October, L.T. 17th January, S.T. 1st May, under conditions similar to those stated above. Fee, £3 3s.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £1 11s. 6d. a session or 12s. 6d. a term.

85. A Class in Detailed Geography will meet under the direction of Major JONES on Wednesdays, at 3 p.m., beginning M.T. 8th October, L.T. 21st January, S.T. 28th April. Sessional Fee, £3 3s.; Terminal Fee, £1 11s. 6d.

Some previous knowledge of Geography is essential.

As the number of students who can be admitted is limited, application to join this class must be made not later than Friday, 19th September.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £1 11s. 6d. a session or 12s. 6d. a term.

86. A Class in Detailed Geography will meet under the direction of Miss RODWELL JONES, on Fridays at 6 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £3 3s.; Terminal Fee, £1 11s. 6d.

Some previous knowledge of Geography is essential.

As the number of students who can be admitted is limited, application to join this class must be made not later than Friday, 19th September.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £1 11s. 6d. a session or 12s. 6d. a term.

In connection with the above courses Mr. MACKINDER and Professor SARGENT will lecture occasionally and give short courses of lectures. See for instance Nos. 87 and 88.

87. The Peace Treaty in the Light of Economic Geography, a course of three lectures by Professor SARGENT, on Fridays, at 6 p.m., in Lent Term, beginning 6th February. Fee, 5s.

88. The Railways and Seaports of North America, a course of three lectures by Professor SARGENT, on Wednesdays, at 3 p.m., in Summer Term, beginning 12th May. Fee, 5s.

89. Geography (Seminar). Mr. MACKINDER will meet candidates for Research Degrees from time to time by arrangement.

Open to students paying either the Composition Fee or the Research Fee.

90. Economic Geography. Seminar by Professor SARGENT, on Fridays, at 5 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

Open to students paying either the Composition Fee or the Research Fee.

91.* Historical Geography, a course of ten lectures by Mr. MACKINDER, on Mondays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd November, L.T. 9th February. Fee for the course, 12s. 6d.; Terminal Fee, 7s. 6d.

92.* Modern Historical Geography, a course of eight lectures by Professor SARGENT, on Fridays, at 3 p.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

93. The British Empire under the New Conditions of the World, a course of five lectures by Mr. MACKINDER, at 11 a.m., on Saturdays, 18th and 25th October, 8th, 15th and 22nd November, in Michaelmas Term. Fee, 7s. 6d.

London teachers, who will have precedence should it be necessary to limit the class, may obtain admission through the Education Officer, L.C.C. Education Department, Victoria Embankment, W.C. 2, to whom they should apply for particulars of special terms.

94. The Geography of London, a course of four lectures by Miss RODWELL JONES, on Mondays, at 6.30 p.m., in Lent Term, beginning 19th January. Fee, 7s. 6d.

The lectures will be illustrated by lantern slides.

176. The Geography of the Railways and Seaports of Asia, a course of ten lectures by Professor SARGENT, on Thursdays, at 6.15 p.m., in Michaelmas Term, beginning 9th October. Fee, 12s. 6d.

The lectures will be illustrated by photographs and specially drawn maps shown in the Episcopo.

i. **The Physical Basis of Geography,** a course of lectures throughout the session by Professor GARWOOD, on Thursdays, from 5.15—7.15 p.m., beginning 2nd October. First meeting 2nd October, at 4.30 p.m. Fee for the course, £6 6s.

ii. **Instruments and Maps,** a course of lectures and practical exercises by Mr. ORMSBY, on Tuesdays at 4 p.m., in Lent Term, beginning 13th January. This course will be followed by further practical work (two hours a week), in Summer Term. Fee for the two terms, £2 12s. 6d.

These lectures are given at University College, and complete the course for students registered at the London School of Economics and Political Science for the Academic Diploma in Geography.

Students who have time to follow Mr. Ormsby's course in both terms are advised to do so, although attendance is compulsory only during the Summer Term.

See also lectures for Students in this Department in the section Ethnology, page 31, No. 105.

For particulars of the Certificate of the School and the Academic Diploma of the University in Geography, see pp. 88 and 90 of the School Calendar.

* Candidates for an honours degree in the Faculty of Economics and Political Science must attend a course of lectures on Historical Geography.

F.—ETHNOLOGY.

(See page 60 of the School Calendar.)

98. The Principles and Methods of Ethnology, with special reference to methods of field work, a course of eight lectures by Professor SELIGMAN, on Tuesdays, at 2 p.m., in Michaelmas Term, beginning 7th October. Fee, 12s. 6d.

These lectures are intended to guide the student to investigate the lines on which social organization, and religious thought and practice have developed among different peoples, so that he may be fitted to record their social constitution and religious ideas. They are also intended for officials, missionaries, and those going among primitive and barbarous peoples.

99. Early Man in Western Europe, a course of six lectures by Professor SELIGMAN, on Wednesdays, at 2 p.m., in Michaelmas Term, beginning 8th October. Fee, £1 1s.

100. Class by Professor SELIGMAN after each lecture. Free to students attending the above lectures.

101. The Melanesians of Papua (British New Guinea), a course of eight lectures by Professor SELIGMAN, on Tuesdays, at 2 p.m., in Lent Term, beginning 20th January. Fee, £1 1s.

102. Class by Professor SELIGMAN after each lecture. Free to students attending the above lectures.

103. Some Migrations and Survivals, a course of six lectures by Professor SELIGMAN, on Wednesdays, at 2 p.m., in Lent Term, beginning 21st January. Fee, £1 1s.

104. Class by Professor SELIGMAN after each lecture. Free to students attending the above lectures.

105. The Peoples of Europe and the adjoining parts of Asia and Africa, a course of four lectures by Professor SELIGMAN, on Wednesdays, at 5 p.m., in Lent Term, beginning 28th January. Fee, 7s. 6d.

These lectures are primarily intended for students in the Department of Geography.

106. Ethnology. Seminar by Professor SELIGMAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

G.—SOCIOLOGY.*(See p. 62 of the School Calendar.)*

110. Introduction to the Study of Society, a course of twenty lectures by Professor HOBHOUSE, on Mondays, at 11 a.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 19th January. Fee for the course, £1 17s. 6d. Terminal Fee, £1 1s.

111. Class by Professor HOBHOUSE after each lecture. Free to students attending the lectures.

112. Social Philosophy, a course of ten lectures by Professor HOBHOUSE, on Wednesdays, at 3 p.m., in Michaelmas Term, beginning 8th October. Fee, £1 1s.

113. Class by Professor HOBHOUSE after each lecture. Free to students attending the lectures.

114. Comparative and Social Psychology, a course of ten lectures by Professor HOBHOUSE, on Wednesdays, at 3 p.m., in Lent Term, beginning 21st January. Fee, £1 1s.

115. Class by Professor HOBHOUSE after each lecture. Free to students attending the lectures.

116. Applied Social Philosophy. Seminar for advanced students by Professor HOBHOUSE, on Mondays, at 3 p.m., beginning 6th October.

Open to students paying either the Composition Fee or the Research Fee.

117. Social Institutions, a course of fourteen lectures by Professor WESTERMARCK, on Mondays and Tuesdays, at 11 a.m., in Summer Term, beginning Monday, 26th April. Fee, £1 11s. 6d.

118. Class by Professor WESTERMARCK after each lecture. Free to students attending the above lectures.

119. Early Beliefs and their Influence on Social Relationships and Institutions, a course of seven lectures by Professor WESTERMARCK, on Mondays, at 5 p.m., in Summer Term, beginning 26th April. Fee, £1 1s.

120. Class by Professor WESTERMARCK after each lecture. Free to students attending the above lectures.

121. Sociology. Seminar by Professor WESTERMARCK for advanced students on Tuesdays in Summer Term, at times to be arranged. The first meeting will be at 3 p.m. on Tuesday, 27th April.

Open to students paying either the Composition Fee or the Research Fee.

H.—SOCIAL SCIENCE AND ADMINISTRATION.**THE RATAN TATA DEPARTMENT, UNIVERSITY OF LONDON.***(See p. 64 of the School Calendar.)*

125. Practical Work and Observation and the Social and Industrial Characteristics of London, a course of four lectures by Professor URWICK, on Tuesdays, at 3 p.m., in Michaelmas Term, beginning 7th October. Fee, 7s. 6d.

126. Industrial Conditions, a course of ten lectures by Mr. ATTLEE, on Tuesdays, at 5 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

The above course of lectures will be repeated at 8 p.m. on the same day for evening students.

127. Industrial Problems, a composite course of nine lectures, by various lecturers, on Mondays, at 5 p.m., in Summer Term, beginning 26th April. Fee for the course, 12s. 6d.; for separate lectures, 2s. 6d.

Mon., 5 p.m., 26th April } "Trade Unions, Their Use and Development." Mr. J. J. MALLON.
and 3rd May.

Mon., 5 p.m., 10th May. "Trade Unions for Women." Dr. MARION PHILLIPS.

Mon., 5 p.m., 17th May. "Labour from an Employer's Point of View." Mr. ERNEST D. SIMON.

Mon., 5 p.m., 31st May } "Trade Unions, Their Present Position and Future Difficulties." Mr. MALLON.
and 7th June.

Mon., 5 p.m., 14th and } "State Regulation of Industry." Miss CONSTANCE SMITH.
21st June.

Mon., 5 p.m., 28th June. "Minimum Wage Legislation." Mr. G. T. REID.

128. Health and the Worker, a course of twenty lectures (for women only) by Dr. Hazel H. Chodak, on Tuesdays, at 6.30 p.m., in Michaelmas and Lent Terms, beginning M.T. 7th October, L.T. 20th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

129. A Historical and Critical Account of Some Principles of Social Management, a course of nineteen lectures by Professor URWICK, on Wednesdays, at 12 noon, in Lent and Summer Terms, beginning L.T. 21st January, S.T. 28th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Admission to the course will be exclusively by permission of Professor URWICK.

130. The Place of Voluntary Effort and Association in the Future, a course of six lectures by Miss ECKHARD, on Tuesdays, at 3 p.m., in Michaelmas Term, beginning 4th November. Fee, 10s. 6d.

131. Outlines of English Local Government, a course of ten lectures by Mr. ATTLEE, on Tuesdays, at 5 p.m., in Michaelmas Term, beginning 14th October. Fee, 12s. 6d.

The above course of lectures will be repeated at 8 p.m. on the same day for evening students.

132. Social Economics, a course of thirty lectures by Professor URWICK and Miss CHRISTIE, on Tuesdays, at 12 noon, beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

133. The Application of Economic Principles to Social Questions, a course of nine lectures by Professor URWICK and Miss CHRISTIE, on Mondays, at 11 a.m., in Summer Term, beginning 26th April. Fee, 12s. 6d.

134. Social History from 1760, a course of thirty lectures by Mr. TAWNEY, on Wednesdays, at 10.45 a.m., beginning M.T. 8th October, L.T. 21st January, S.T. 28th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

135. Social Philosophy, a course of twenty lectures, by Miss CHRISTIE, on Mondays, at 11 a.m., in Michaelmas and Lent Terms, beginning M.T. 13th October, L.T. 19th January. Fee for the course, £1 17s. 6d.; Terminal Fee, £1 1s.

136. Class by Miss CHRISTIE after each lecture. Free to students attending the lectures.

137. Industry, the State and the Public, a course of thirty lectures by Mr. LLOYD, on Wednesdays, at 12 noon, beginning M.T. 8th October, L.T. 21st January, S.T. 28th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

The above course of lectures will be given also on Thursdays at 8.15 p.m. beginning 2nd October, for evening students.

Special Classes will also be taken by Mr. ATTLEE, Miss HARRISON and others, for students interested in Welfare Work, of which details are given in a separate leaflet.

J.—COMMERCE AND INDUSTRY.

(See p. 67 of the School Calendar.)

(See also Nos. 6, 7 and 8.)

140. The Elements of Commerce, a course of ten lectures by Mr. GREGORY, on Wednesdays, at 12 noon, in Michaelmas Term, beginning 15th October. Fee, 12s. 6d.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 9th October, for evening students.

141. The Organisation of English Foreign Trade, an elementary course of ten lectures by Mr. GREGORY, on Wednesdays, at 12 noon, in Lent Term, beginning 21st January. Fee, 12s. 6d.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 15th January, for evening students.

142. The Foreign Exchanges, a course of six lectures by Mr. GREGORY, on Thursdays, at 7.15 p.m., in Lent Term, beginning 15th January. Fee, 10s. 6d.

143. The Commerce and Commercial Problems of the Great Powers, a course of thirty lectures by Mr. GREGORY, on Thursdays, at 12 noon, beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

The above course of lectures will be repeated on Wednesdays, at 7.15 p.m., beginning 8th October, for evening students.

43. Tariffs and Tariff Administration, a course of ten lectures by Mr. GREGORY, on Tuesdays, at 6 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

144. Coal, Water and Oil, as Sources of Power (from the Commercial Point of View), a course of ten lectures by Professor SARGENT, on Mondays, at 2.30 p.m., in Michaelmas Term, beginning 13th October. Fee, 12s. 6d.

145. Markets and Market Organisation, Economic and Geographical, a course of nineteen lectures by Professor SARGENT, on Mondays, at 2.30 p.m. in Lent and Summer Terms, beginning L.T. 19th January, S.T. 26th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

In connection with this course a class for discussion may be held if sufficient students enter.

Fee for lectures and class: For the course, £1 17s. 6d.; Terminal, £1 1s.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

176. The Geography of the Railways and Seaports of Asia, a course of ten lectures by Professor SARGENT, on Thursdays, at 6.15 p.m., in Michaelmas Term, beginning 9th October. Fee, 12s. 6d.

The lectures will be illustrated by photographs and specially drawn maps shown in the Episcopa.

146. Commercial Relations of the United Kingdom with the Near East, a course of ten lectures by Professor SARGENT, on Fridays at 7.15 p.m., in Lent Term, beginning 16th January. Fee, 12s. 6d.

147. A Class for the Study of Commercial Documents will meet under the direction of Professor SARGENT and Mr. GREGORY, on Fridays, at 12 noon, in Summer Term, beginning 30th April. Fee, 12s. 6d.

148. Foreign Trade (Class). Professor SARGENT will hold a special class for candidates for the Certificate in Commerce. Admission will be exclusively by permission of Professor SARGENT. Times to be arranged with students. Sessional Fee, £1 11s. 6d.; Terminal Fee 12s. 6d.

149. Foreign Trade. Seminar by Professor SARGENT. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

K.—ACCOUNTING AND BUSINESS METHODS.*(See p. 71 of the School Calendar.)*

155. Accounts of Traders and Companies, a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Mondays, at 11 a.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April. Sessional Fee, £2 12s. 6d.; Terminal Fee, £1 1s.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

156. Class. In connection with the above course a class will be held morning and evening immediately after each lecture except the first. Free to students attending the lectures.

157. Accounting and Business Methods (Part I.), a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Mondays, at 7 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with this course a class will be held on Mondays, at 6 p.m., beginning 13th October.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee, for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

158. Accounting and Business Methods (Part II.), a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Fridays, at 7 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course a class will be held on Fridays, at 6 p.m., beginning 10th October.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee, for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

159. Cost Accounts and Efficiency Methods, a course of ten lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Michaelmas Term, beginning 15th October. Fee, 12s. 6d.

160. Business Organisation, a course of nineteen lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Lent and Summer Terms, beginning L.T. 21st January, S.T. 28th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

161. Elements of Administration and the Principles of Organisation, a course of ten lectures by Colonel O'MEARA, on Mondays, at 8 p.m., in Michaelmas Term, beginning 13th October. Fee, 12s. 6d.

L.—BANKING.*(See p. 74 of the School Calendar.)*

Other lectures of interest to students of Banking are:—Nos. 62 (a, b, c, d, e), 63 (j), 157 and 158.

165. Currency, Banking, and the Money Market, an elementary course of nine lectures by Professor FOXWELL, on Thursdays, at 6 p.m., in Summer Term, beginning 29th April. Fee, 12s. 6d.

166. Foreign Banking, a course of eight lectures by Mr. GREGORY, on Fridays, at 8 p.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

167. Currency and Banking, Descriptive and Theoretical, with special reference to England, a course of twenty-one lectures by Professor FOXWELL, on Tuesdays, at 12 noon, in Michaelmas and Lent Terms, beginning M.T. 7th October, L.T. 20th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

168. The Stock Exchange, Speculative Markets, and other Subjects connected with Banking, a course of nine lectures by Professor FOXWELL, on Tuesdays, at 6 p.m., in Summer Term, beginning 27th April. Fee, 12s. 6d.

169. Banking, Descriptive and Theoretical, an advanced course of twenty lectures by Professor FOXWELL, on Tuesdays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 14th October, L.T. 20th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

In this course a general knowledge of currency and banking subjects will be assumed, such as would be possessed by students who had already attended courses Nos. 165, 167 and 168 above. The main purpose of the course will be to deal, more fully than is possible in the morning course, with those aspects of these subjects which may from time to time be of special interest, e.g., with such questions as the financing of English industry and our overseas trade, the recent developments of banking in England and the United States, certain foreign exchange problems and the like.

It is proposed to give a similar course on Currency and Prices in the session 1920-21.

170. The History of Currency and Banking, with special reference to England, a course of thirty lectures, by Professor FOXWELL, on Tuesdays, at 7 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

171. Banking and Currency. Seminar by Professor FOXWELL. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

GILBART LECTURES.

The Gilbert Lectures in Banking will in future form part of the curriculum of the London School of Economics and Political Science. The lectures will continue to be given at King's College, however, until there is sufficient accommodation at the school for the very large audiences attending these lectures. Full particulars of the course in 1919-20 will be announced later.

M.—TRANSPORT.

(See p. 78 of the School Calendar.)

INAUGURAL LECTURES.

175. Railway Professional Education, a lecture by Mr. ACWORTH, on Thursday, 2nd October, at 6.15 p.m. The Right Hon. Sir ERIC GEDDES, G.C.B., G.B.E., M.P., Minister of Transport, in the Chair. Open to the public without fee.

INTRODUCTORY LECTURES.

176. The Geography of the Railways and Seaports of Asia, a course of ten lectures by Professor SARGENT, on Thursdays, at 6.15 p.m., in Michaelmas Term, beginning 9th October. Fee, £1 1s.

Railway students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

The lectures will be illustrated by photographs and specially drawn maps shown in the Episcope.

177. Railway Rates and Fares, a course of ten lectures by Mr. STEPHENSON, on Wednesdays, at 6.15 p.m., in Michaelmas Term, beginning 8th October. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

178. The Railway System as a Wealth-creating Machine, a course of ten lectures by Mr. BURTT, on Tuesdays, at 6.15 p.m., in Lent Term, beginning 20th January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

179. The History of Transport in England, with special reference to Railways, a course of ten lectures by Mr. CLEVELAND-STEVENS, on Fridays, at 6 p.m., in Lent Term, beginning 16th January. Fee, 12s. 6d.

London teachers, who will have precedence should it be necessary to limit the class, may obtain admission through the Education Office, L.C.C. Education Department, Victoria Embankment, W.C. 2, to whom they should apply for particulars of special terms.

ADVANCED LECTURES.

180. The Principal Factors in Railway Operating, a course of twenty lectures by Mr. BURTT, on Wednesdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

181. The Commercial Side of Railway Economics, a course of twenty lectures by Mr. STEPHENSON, on Fridays, at 8 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd October, L.T. 16th January. Fee, £2 2s.

Students attending this course may write weekly essays for the lecturer, and an examination will be held at the end of the course.

182. The Basis of Railway Rates and Charges, a course of twenty lectures by Mr. BURTT, on Thursdays, at 8 p.m., in Michaelmas and Lent Terms, beginning M.T. 2nd October, L.T. 15th January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

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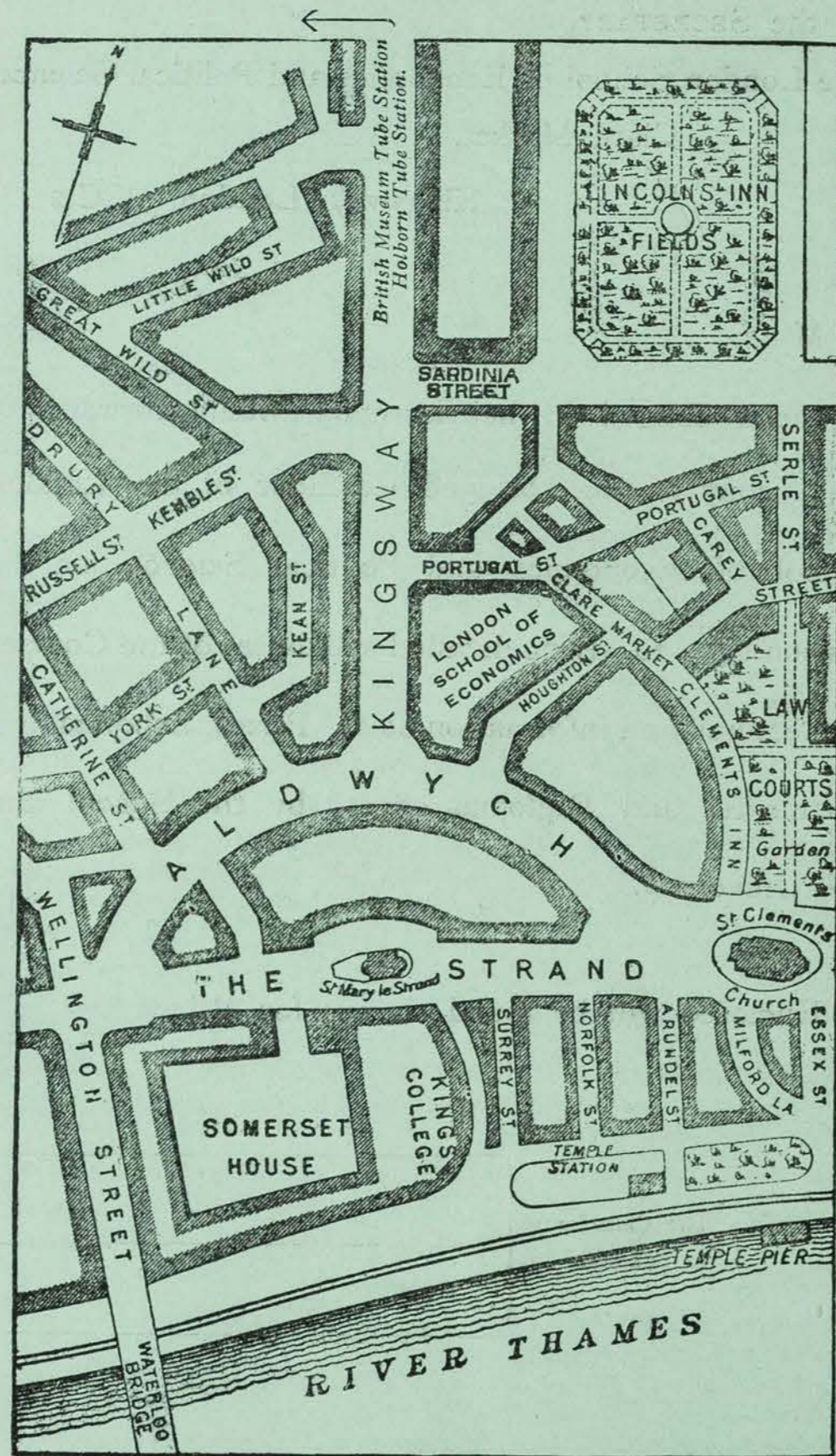
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†*E. A. WESTERMARCK, Ph.D., LL.D., Martin White Professor of
Sociology in the University of London; Principal of the Academy
of Åbo, Finland. **Sociology.**

†*A. WOLF, D.Lit., London; M.A., Cambridge; Fellow of University
College, London; sometime Fellow of St. John's College, Cam-
bridge; Reader in Logic and Ethics in the University of London.

Logic and Scientific Method.

* Member of the Faculty of Economics and Political Science in the University
of London.

† Member of the Faculty of Laws in the University of London.

‡ Member of the Faculty of Arts in the University of London.

|| Member of the Faculty of Science in the University of London.

Lecturers giving Lectures and Courses of Lectures on Special Subjects.

- W. VALENTINE BALL, O.B.E., M.A., Cantab.; Barrister-at-Law.
Railway Law.
- PHILIP BURTT, formerly Deputy-Manager of the North-Eastern Railway.
Railway Science and Economics.
- H. T. CURWEN, B.Sc. (Lond.).
Mathematics.
- HUGH DALTON, M.A., King's College, Cambridge; Barrister-at-Law of the Middle Temple; Hutchinson Research Student of the London School of Economics and Political Science, 1911.
Economics and Public Finance.
- F. M. GRAVES, M.B.E., sometime Secretary, British Delegation, African Committee, Paris Congress, 1919.
History.
- G. E. GREEN, M.A., Lecturer in History at East London College.
History.
- T. E. GREGORY, B.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1913.
Commerce.
- H. A. GRIMSHAW, B.A., M.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1916. History and Public Administration.
- F. J. C. HEARNshaw, M.A., LL.D., Professor of History at King's College.
History.
- HILDA RODWELL JONES, B.Sc. (Econ.), London. Geography.
- Major LLEWELLYN R. JONES, B.Sc., London. Geography.
- C. T. LE QUESNE, B.A., late Scholar and Senior Scholar of Exeter College, Oxford; Barrister-at-Law of the Inner Temple.
Commercial Law.
- ARTHUR PAGE, B.A., Oxford; Barrister-at-Law. Commercial Law.
- Lt.-Colonel F. R. M. DE PAULA, O.B.E., F.C.A. Accounting.
- C. GRANT ROBERTSON, M.A., Fellow of All Souls' College, Oxford. Historical Geography.
- HARTLEY WITHERS, Editor of the *Economist*. Banking.

Assistants.

- P. W. BRYAN. Geography.
- HUGH DALTON, M.A., King's College, Cambridge; Barrister-at-Law of the Middle Temple; Hutchinson Research Student of the London School of Economics and Political Science, 1911. Economics.
- T. E. GREGORY, B.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1913. Commerce.
- H. A. GRIMSHAW, B.A., M.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1916. History and Public Administration.
- MARGARET H. HOGG, Maths. Trips., Newnham College, Cambridge. Statistics.

UNIVERSITY OF LONDON. RATAN TATA DEPARTMENT OF SOCIAL SCIENCE AND ADMINISTRATION.

HEAD OF THE DEPARTMENT.

*E. J. URWICK, M.A., Tooke Professor of Economic Science and Statistics, University of London.

LECTURERS AND TUTORS IN THE DEPARTMENT.

- C. R. ATTLEE, M.A., Oxford. }
MARY E. CHRISTIE, Hist. Trip., } Senior Tutors
Newnham College, Cambridge. }
- MARY COLEMAN, B.Sc. (Econ.), London.
- AGNES A. CROSTHWAITE.
- EDITH V. ECKHARD, Econ. Trip., Newnham College, Cambridge.
- MADELINE G. GLASIER.
- AGATHA HARRISON.
- MINNIE L. HASKINS.
- EILEEN KEYSER.
- C. M. LLOYD, M.A.
- GERTRUDE WILLIAMS, B.A., Manchester.
- R. H. TAWNEY, B.A., Fellow of Balliol College, Oxford.

LECTURERS GIVING LECTURES AND SHORT COURSES OF LECTURES.

- HAZEL H. CHODAK, M.D., B.S., M.R.C.P., Medical Tutor, London (Royal Free Hospital) School of Medicine for Women.
- J. J. MALLON, Secretary, National Anti-Sweating League.
- MARION PHILLIPS, D.Sc. (Econ.), London; Chief Woman Officer of the Labour Party.
- G. T. REID, B.Sc. (Econ.), London; Secretary, Court of Arbitration.
- ERNEST D. SIMON, M.I.C.E.
- CONSTANCE SMITH, Senior Lady Inspector of Factories, Home Office.

* Member of the Faculty of Economics and Political Science in the University of London.

Dean.

Miss C. S. MACTAGGART.

Secretary.

Mrs. MAIR, O.B.E., M.A.

ASSISTANTS.

Mrs. WHITNEY, SENIOR ASSISTANT.

Miss I. BELLIS. Miss M. WEST.

Miss W. JONES.

Miss K. M. MADDEN, DIRECTOR'S PRIVATE SECRETARY.

CLERKS.

Miss A. E. STOLLARD.

Miss K. WHITEHURST. Miss D. E. GILLMAR.

Miss D. L. HALL.

Miss M. ALDEN, BOOK-KEEPER.

Librarian.

B. M. HEADICAR.

SUB-LIBRARIAN.

K. W. COTTON.

LIBRARY ASSISTANTS.

Mrs. WATTS, SENIOR ASSISTANT.

Miss W. R. MOLLAND.

Miss M. DALY.

Miss E. S. SCROGGS, IN CHARGE OF PAMPHLET COLLECTION.

Miss E. B. PINDER, INDEXER.

Miss E. WALKER, CLERK.

**THE LONDON SCHOOL OF
ECONOMICS AND POLITICAL SCIENCE.****INTRODUCTION.**

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE is a School of the University of London. Amongst the objects of the School are the following:—

(i) To provide for all classes and denominations, without any distinction whatsoever, opportunities and encouragement for pursuing a regular and liberal course of education of the highest grade and quality in the various branches of knowledge dealt with by the Institution, and especially those prescribed or required by the University of London from time to time.

(ii) To supply liberal courses of education specially adapted to the needs of persons who are, or who intend to be, engaged in any kind of administration, including the service of any government or local authority, railways, shipping, banking and currency, international trade, and any of the higher branches of Commerce and Industry, and also the profession of teaching any such subjects.

The lectures and classes of the School are arranged so that students can pursue a full University course, extending over not less than three years, in the subjects required for the B.Sc., M.Sc. and D.Sc. degrees in the Faculty of Economics and Political Science (including Commerce and Industry). A course for the intermediate examination for the degree of B.Com. began in October and courses for the final years are now being arranged. Lectures in commercial subjects will be given in the School itself. Foreign languages and such of the optional subjects as are not provided by the School may be studied at other Schools of the University. All courses for a first degree either the B.Sc. (Econ.) or the B.Com. in this faculty are so organised that students who can attend in the evening only can meet the full requirements of the University. The courses at the School are also useful for other University Examinations, especially as regards Law, Economics, Accountancy and Business Methods, History, Geography and Sociology, and for many of the subjects in the examination for the newly-instituted Diploma in Journalism.

Students of the School paying the LL.B. Composition Fee have access to the Law lectures not only of the School, but also of University and King's Colleges.

The lectures and classes of the School are also open to those who have not matriculated and cannot, for various reasons, pursue a full University course. Scientific training is provided for those engaged in (i) different branches of public administration, central and local, (ii) trade and commerce, (iii) railways, (iv) accounting. Many of the courses are useful to candidates for the examinations of the Institute of Bankers, the Institute of Chartered Accountants, the Society of Accountants, and the Chartered Institute of Secretaries, as well as to candidates for the Home, India and Consular Civil Services. Special short courses of training in commercial subjects for ex-service students have been arranged, each course lasting for three months.

Some of the most important work of the School is done in

THE RESEARCH DEPARTMENT.

The work of the Department is carried on by means of (i) individual supervision of students, (ii) Seminars or Special Classes, and (iii) the Library. The lectures at the School likely to be useful to the students are pointed out to them. The method of utilising the British Museum, the Public Record Office, and other great libraries and collections of material is explained to them. They are supplied with brief bibliographies, and informed of the main sources from which such bibliographies may be supplemented and extended. The manner in which students collect their material and the use they make of it are criticised, and points arising out of their researches are discussed. One of the most valuable means of training research students is to be found in

THE LIBRARY.

The Reading Room of the Reference Library is open during term from 10 a.m. to 9 p.m.; on Saturdays from 10 a.m. to 1 p.m.

For full particulars see the Calendar of the School, p. 115.

The Lending Library is open to members of Common Room only.

Books may be borrowed from the Lending Library during such hours as the Reading Room is open.

N.B.—The Lending Library must not be confused with the Reference Library, from which books must on no account be taken away.

COMMON ROOM.

The Common Rooms are open to Members only during term from 10 a.m. to 9 p.m., on Saturdays from 10 a.m. to noon. The membership fee is 5s. Arrangements during vacation are posted on the Notice Board.

Lunch, tea, and dinner are served in the Refectory at reasonable prices. Lunch from 12.45 p.m. to 2.30 p.m., tea from 4 p.m. to 6 p.m., dinner or supper from 6.45 p.m. to 9 p.m. At 9 p.m. the Refectory is closed. Inclusive weekly terms may be arranged with the Housekeeper.

THE OFFICE.

The Office of the School is open daily except Saturdays from 10 a.m. to 5 p.m., during term to 8 p.m.; and on Saturdays from 10 a.m. to 12 noon.

APPLICATION TO JOIN THE SCHOOL

must be made on the proper form to be obtained from the Dean. All fees must be paid in advance, either personally or by post, if possible at least two clear days before the first meeting of the class which it is desired to join. Cheques should be made payable to the Director, London School of Economics, and crossed "London County, Westminster and Parr's Bank."

TABLE OF FEES.

Composition Fees.

General Composition Fee, admitting to all classes and lectures at the School, except the tutorial classes for candidates for the certificate in the Ratan Tata Department of Social Science and Administration; if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

In the Faculty of Economics for day students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes under the inter-collegiate system two hours of instruction per week throughout each session in French or German at King's College.

For the B. Com. intermediate course, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes admission to all the subjects which may be studied in the School itself, *i.e.*, all compulsory subjects for the intermediate examination and two of the optional subjects, *viz.*, Mathematics and History. It also admits to a course in one language to be taken under the inter-collegiate system at another School of the University. Students who wish to take other optional subjects will be required to pay the fee in addition.

Students working for a first degree in the Faculty of Economics whose mother tongue is not English, are expected to attend, during the first session, the special tutorial classes provided for their benefit in the subjects of the intermediate examination, see p. 15, section 6, of the School Calendar. Fee, if prepaid for the session, £5 5s.; if paid terminally, £2 2s. for each term.

In the Faculty of Economics for evening students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £10 10s.; if paid terminally, £4 4s. for each term. No teaching in languages is included in this fee.

For the B. Com. intermediate course covering a period of two sessions and admitting to a course in one language to be taken under the inter-collegiate system at another School of the University, if prepaid for the two sessions, £15 15s.; if paid in annual instalments, in the first session, £10 10s., and in the second session, £7 7s.; or if paid terminally, during the first session, £4 4s. each term, during the second session, £3 3s. each term.

In the Faculty of Laws, for the LL.B., if prepaid for the whole session, £12 12s.; if paid terminally, £5 5s. for each term.

These fees admit only to the LL.B. inter-collegiate courses held at the London School of Economics and Political Science, University College, and King's College. They include the payment of Union and Common Room fees, and entitle the student also to Common Room privileges at the two other Colleges.

Research Fees.

Research students who have access to the Library and are placed in communication with those lecturers and others able to assist them may be enrolled at any time. Fee, if prepaid for the whole session, £3 3s.; if paid terminally, £1 11s. 6d. for each term; for any period not exceeding six weeks from entry, £1 1s.

Advanced students receiving guidance from the lecturers either individually or in a seminar will pay the Research Fee.

In the Faculty of Economics.—Fees for candidates for higher degrees registered under Statutes 113 and 129, M.Sc. or D.Sc., if prepaid for two sessions, £15 15s.; if paid sessionally, £10 10s. for each session; if paid terminally, £4 4s. for each term.

In the Faculty of Laws, for the LL.D., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

In the Faculty of Arts, for the M.A. or D.Lit., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

Departmental Fees.

For Candidates for the Geography Certificate, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

For Candidates for the Academic Diploma in Geography, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. Students spreading their course over two years are expected to pay a further fee of £3 3s. in the second year.

These fees admit also to the necessary lectures at University College.

For Candidates for the Commercial Certificate, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. These fees admit also to the necessary language classes.

For the Second Part of the Special Course of Commercial Training for Ex-Service Students, £6 6s.

In the Ratan Tata Department of Social Science and Administration, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. These fees admit to all classes and lectures at the School. For the joint course with the Household and Social Science Department of King's College for Women the fee is thirty guineas if prepaid for the whole session; if paid terminally, £11 11s. for each term.

For the Course arranged for Health Visitors, thirty guineas if prepaid for the whole session; if paid terminally, £11 11s. for each term.

For the Course for Continuation School Teachers, £5 9s.

For the Special Evening Course in Welfare Work, if prepaid for the whole session, £10 10s.; if paid terminally, £4 4s. for each term. For those engaged in Welfare Supervision a reduced fee of £6 6s. for the session, or £12 12s. 6d. for the term will be charged.

Course Fees.

The fee for each separate course will be found set out in the general list of lectures and classes commencing at p. 14.

Common Room Subscription.—The Common Room and Lending Library Subscription is 2s. 6d. a term, or 5s. a session.

Lockers are provided at a rent of 1s. a term, or 2s. 6d. a session. A deposit of 2s. 6d. is required, to be given back when the key of the locker is returned.

A student renting a locker for one term only is required either to renew his subscription or to give up the key on or before the last day of term. Otherwise the deposit will be held to be forfeited.

TIME-TABLES OF LECTURES AND CLASSES, 1919-20.

LENT TERM.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 14 to 30.	Date of beginning
<i>Monday :</i>				
11.0 a.m.	Social Philosophy	Miss CHRISTIE	135	19th Jan.
11.0 ..	Accounts of Traders and Companies	Colonel DE PAULA	155	" "
11.0 ..	The Study of Society	Prof. HOBHOUSE	110	" "
12.0 noon	Social Philosophy (Class) ..	Miss CHRISTIE	136	" "
12.0 ..	Accounts of Traders and Companies (Class)	Colonel DE PAULA	156	" "
12.0 ..	The Study of Society (Class) ..	Prof. HOBHOUSE	111	" "
2.30 p.m.	Markets	Prof. SARGENT	145	" "
3.0 ..	Class in Social Philosophy ..	Prof. HOBHOUSE	116	" "
3.30 ..	Laws of Naval Warfare	Prof. PEARCE HIGGINS	71	" "
4.30 ..	Laws of Naval Warfare (Class)	Prof. PEARCE HIGGINS	71	" "
5.0 ..	Seminar	The DIRECTOR	9	" "
6.0 ..	Seminar	Prof. BOWLEY	17	" "
6.0 ..	Advanced Mathematics	Mr. CURWEN	16	" "
6.0 ..	Accounts of Traders and Companies	Colonel DE PAULA	155	" "
6.0 ..	Accounting, Part I. (Class) ..	Prof. DICKSEE	157	" "
6.0 ..	Historical Geography	Mr. GRANT ROBERTSON	91	" "
6.0 ..	Markets	Prof. SARGENT	145	" "
6.15 ..	Railway Construction and Locomotive Operation	Mr. STEPHENSON	183	" "
6.15 ..	Constitutional Law, Part I. ..	Dr. BELLOT	66	" "
6.30 ..	Commercial Law, Part II. ..	Mr. PAGE	63	" "
7.0 ..	Accounts of Traders and Companies (Class)	Colonel DE PAULA	156	" "
7.0 ..	Accounting, Part I.	Prof. DICKSEE	157	" "
7.15 ..	Current Statistical Questions	Prof. BOWLEY	15	" "
7.15 ..	Constitutional Law (Class) ..	Dr. BELLOT	66	" "
7.30 ..	Commercial Law (Class)	Mr. PAGE	63	" "
8.0 ..	Comparative Public Administration	Mr. GRIMSHAW	37A	" "
<i>Tuesday :</i>				
10.45 a.m.	Economic Position of the Great Powers	Dr. KNOWLES	51	20th Jan.
11.0 ..	Geography	Major JONES & Miss RODWELL JONES	82	" "
11.0 ..	Social Management	Prof. URWICK	129	" "
12.0 noon	Statistics	Prof. BOWLEY	12	" "
12.0 ..	Currency and Banking	Prof. FOXWELL	167	" "
12.0 ..	Geography	Major JONES & Miss RODWELL JONES	82	" "
12.0 ..	Social Economics	Prof. URWICK & Miss CHRISTIE	132	" "
2.0 p.m.	The Melanesians of Papua ..	Prof. SELIGMAN	101	" "
2.30 ..	Introduction to Statistics ..	Prof. BOWLEY	11	" "
3.0 ..	Economic Theory (Advanced) ..	Prof. CANNAN	2	" "
3.0 ..	The Melanesians of Papua (Class)	Prof. SELIGMAN	102	" "
3.30 ..	Introduction to Statistics (Class)	Prof. BOWLEY	11	" "
5.0 ..	Economic Theory (Class)	Prof. CANNAN	3	" "
5.0 ..	Government and Industry	Prof. SIDNEY WEBB	7	" "

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 14 to 30.	Date of beginning.
<i>Tuesday—contd.:</i>				
6.0 p.m.	Mathematics	Mr. CURWEN ..	18	20th Jan.
6.0	Economic Theory (Advanced)	Prof. CANNAN ..	2	" "
6.0	First Principles of Economics..	Mr. DALTON ..	5	" "
6.0	Banking	Prof. FOXWELL ..	169	" "
6.0	Government Departments of the United Kingdom ..	Prof. GRAHAM WALLAS ..	30	" "
6.0	Logic	Dr. WOLF ..	19	" "
6.15	Railway System as a Wealth- Creating Machine	Mr. BURTT ..	178	" "
6.30	Health and the Worker	Dr. CHODAK ..	128	" "
7.0	Mathematics	Mr. CURWEN ..	18	" "
7.0	History of Currency and Banking	Prof. FOXWELL ..	170	" "
7.0	Logic (Class)	Dr. WOLF ..	19	" "
7.15	Political Ideas	Mr. DICKINSON ..	26	" "
8.0	Welfare Work	VARIOUS LECTURERS..	138	27th "
<i>Wednesday:</i>				
10.45 a.m.	Economic History (First Year)	Dr. KNOWLES ..	55	21st. Jan.
10.45	Social History	Mr. TAWNEY ..	134	" "
12.0 noon	Foreign Trade	Mr. GREGORY ..	141	" "
12.0	Industry	Mr. LLOYD..	137	" "
12.0	Local Government	Prof. GRAHAM WALLAS ..	41	" "
2.0 p.m.	Some Migrations and Sur- vivals	Prof. SELIGMAN ..	103	" "
3.0	Comparative and Social Psy- chology	Prof. HOBHOUSE ..	114	" "
3.0	Detailed Geography	Major JONES ..	85	" "
3.0	Some Migrations and Survivals (Class).. .. .	Prof. SELIGMAN ..	104	" "
4.0	Comparative and Social Psy- chology (Class)	Prof. HOBHOUSE ..	115	" "
4.30	Railways in relation to the State	Mr. BURTT ..	184	" "
5.0	The Peoples of Europe	Prof. SELIGMAN ..	105	28th "
5.0	Wage Systems	Prof. URWICK ..	8	21st "
6.0	Geography	Major JONES & Miss RODWELL JONES	82	" "
6.0	Economic Position of the Great Powers.. .. .	Dr. KNOWLES ..	51	" "
6.15	Law of Carriage	Mr. BALL ..	186	" "
6.15	Principal Factors in Railway Operating	Mr. BURTT ..	180	" "
6.15	Business Organisation.. ..	Prof. DICKSEE ..	160	" "
6.15	Passenger Transport in Great Cities	Mr. STEPHENSON ..	188	" "
7.0	Geography	Major JONES & Miss RODWELL JONES	82	" "
7.15	Commerce of the Great Powers	Mr. GREGORY ..	143	" "
<i>Thursday:</i>				
10.30 a.m.	Economic History (Second Year)	Dr. KNOWLES ..	56	15th Jan.
11.0	Mathematics	Mr. CURWEN ..	18	" "
11.0	Logic	Dr. WOLF ..	19	" "
12.0 noon	Mathematics	Mr. CURWEN ..	18	" "
12.0	Commerce of the Great Powers	Mr. GREGORY ..	143	" "
12.0	Logic (Class)	Dr. WOLF ..	19	" "
2.30 p.m.	Local Government (Class) ..	Mr. GRIMSHAW ..	41	22nd "

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 14 to 30.	Date of beginning.
<i>Thursday—contd.:</i>				
3.30 p.m.	Problems of Central Govern- ment	Mr. LEES SMITH ..	32	15th Jan.
5.0	Seminar	The DIRECTOR ..	10	" "
5.0	Psychology of Modern Society	Prof. GRAHAM WALLAS ..	27	" "
†5.30	International Labour Legislation	Sir JOHN MACDONELL	74	11th Mar.
6.0	Statistics.. .. .	Prof. BOWLEY ..	12	15th Jan.
6.0	Partition of Africa	Miss GRAVES ..	54	" "
6.0	Foreign Trade	Mr. GREGORY ..	141	" "
6.0	Economic History (Second Year)	Dr. KNOWLES ..	56	" "
6.0	Logic (Senior Course)	Dr. WOLF ..	13	12th Feb.
7.0	Statistics (Advanced)	Prof. BOWLEY ..	14	15th Jan.
7.15	Foreign Exchanges	Mr. GREGORY ..	142	" "
7.15	Economic History (First Year)	Dr. KNOWLES ..	55	" "
7.15	Local Government	Prof. GRAHAM WALLAS ..	41	" "
8.0	Railway Rates and Charges ..	Mr. BURTT ..	182	" "
8.15	Local Government (Class) ..	Mr. GRIMSHAW ..	41	22nd "
8.15	Economic History (Class) ..	Mr. GRIMSHAW ..	55	15th "
8.15	Industry	Mr. LLOYD..	137	22nd "
<i>Friday:</i>				
11.0 a.m.	World History	Mr. GREEN..	50	16th Jan.
11.0	British Constitution	Mr. LEES SMITH ..	29	" "
12.0 noon.	Elements of Economics	Prof. CANNAN ..	1	" "
12.15 p.m.	Public Administration (Class)	Mr. LEES SMITH ..	37	" "
2.15	Elements of Economics (Class)	Mr. DALTON ..	1	" "
2.15	Economic History (Class) ..	Mr. GRIMSHAW ..	55	23rd "
3.0	Map Class	Major JONES & Miss RODWELL JONES	83	16th "
5.0	Some Problems of Industry ..	Mr. DALTON ..	6	" "
5.0	Economic Geography (Seminar)	Prof. SARGENT ..	90	" "
5.0	Developments arising out of the War	Mr. LEES SMITH ..	42	" "
6.0	Elements of Economics	Prof. CANNAN ..	1	" "
6.0	Economic Theory (Class)	Mr. DALTON ..	3	" "
6.0	Accounting, Part II. (Class) ..	Colonel DE PAULA..	158	" "
6.0	Detailed Geography	Miss RODWELL JONES	86	" "
6.0	The Peace Treaty in the Light of Economic Geography ..	Prof. SARGENT ..	87	6th Feb.
6.15	Constitutional Law, Part II..	Dr. BELLOT..	68	16th Jan.
6.15	European Railways	Mr. STEPHENSON ..	185	" "
6.30	Commercial Law, Part I.	Mr. PAGE ..	62	" "
7.0	Accounting, Part II.	Colonel DE PAULA..	158	" "
7.0	Law of Nations (Class)	Prof. PEARCE HIGGINS	72	" "
7.15	World History	Mr. GREEN..	50	" "
7.15	Constitutional Law (Class) ..	Dr. BELLOT ..	68	" "
7.15	British Constitution	Mr. LEES SMITH ..	29	" "
7.30	Commercial Law (Class)	Mr. PAGE ..	62	" "
8.0	Law of Nations	Prof. PEARCE HIGGINS	72	" "
8.0	Railway Economics— Commercial	Mr. STEPHENSON ..	181	" "
8.15	Elements of Economics (Class)	Mr. DALTON ..	1	" "
<i>Saturday:</i>				
11.0 a.m.	Map Class	Major JONES & Miss RODWELL JONES	84	17th Jan.
11.0	The British Empire under the New Conditions of the World	Prof. SARGENT ..	93	24th "

† Open to the public without fee.

GENERAL ARRANGEMENTS FOR THE LENT AND SUMMER TERMS, SESSION 1919-20.

Lent Term, Thursday, 15th January, to Wednesday, 31st March, 1920, eleven weeks.

Summer Term, Monday, 26th April, to Monday, 28th June, 1920, nine weeks.

Throughout this programme these Terms are referred to as **L.T.** and **S.T.** The School will be closed on Whit-Monday, 24th May.

NOTE.—The courses are numbered as in the Calendar, to which students are referred for further particulars.

A.—ECONOMICS, INCLUDING STATISTICS.

(See page 32 of the School Calendar.)

1. **The Elements of Economics**, eleven lectures in continuation of the course begun in Michaelmas Term, by Professor CANNAN, on Fridays, at 12 noon, beginning 16th January.

In connection with this course Mr. DALTON will hold a class on alternate Fridays, at 2.15 p.m., beginning 16th January.

Fee, £1 1s.; for lectures only, 12s. 6d.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

The class for evening students taken by Mr. DALTON in connection with this course will meet on alternate Fridays, at 8.15 p.m., beginning 16th January.

2. **Principles of Economics, including the History of Economic Theory**, eleven lectures in continuation of the course begun in Michaelmas Term, by Professor CANNAN, on Tuesdays at 3 p.m., beginning 20th January. Fee, 12s. 6d.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

3. **Economic Theory. Special Classes** will be held by Professor CANNAN on Tuesdays, at 5 p.m., beginning 20th January; and by Mr. DALTON, on Fridays at 6 p.m., beginning 16th January. These classes are intended only for students who have passed the Intermediate Examination and are proceeding to the Final Examination for the degree of B.Sc. (Econ.); and admission to them will be exclusively by permission of Professor CANNAN and Mr. DALTON. Students who attended Professor CANNAN's class in the Michaelmas Term will be transferred to Mr. DALTON's class in the Lent Term, and *vice versa*, so far as is possible. Fee, 12s. 6d.

4. **Economic Theory.** Seminar for the supervision of theses for research degrees, by Professor CANNAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

5. **First Principles of Economics**, eleven lectures in continuation of the course begun in Michaelmas Term, by Mr. DALTON, on Tuesdays, at 6 p.m., beginning 20th January. Fee, 12s. 6d.

6. **Some Problems of Industry**, eleven lectures in continuation of the course begun in Michaelmas Term, by Mr. DALTON, on Fridays, at 5 p.m., beginning 16th January. Fee, 12s. 6d.

7. **Modern Developments in the Government of Industry**, a course of six lectures by Professor SIDNEY WEBB, on Tuesdays, at 5 p.m., beginning 20th January. Fee, 10s. 6d.

TOOKE LECTURES.

8. **Wage Systems: a detailed Examination**, a course of ten lectures by Professor URWICK, on Wednesdays, at 5 p.m., beginning 21st January. Fee, 12s. 6d.

9. **Some New Problems of Unemployment.** Seminar by the DIRECTOR on Mondays, at 5 p.m., beginning 19th January. Admission to the Seminar will be exclusively by permission of the DIRECTOR, and subject to this, will be open to students paying either the Composition Fee or the Research Fee.

10. **Relations of the State to Industry in the War Period.** Seminar by the DIRECTOR, on Thursdays, at 5 p.m., beginning 15th January. Admission to the Seminar will be exclusively by permission of the DIRECTOR, and subject to this, will be open to students paying either the Composition Fee or the Research Fee.

11. **Introduction to Statistics**, a course of ten lectures by Professor BOWLEY, on Tuesdays, at 2.30 p.m., beginning 20th January. Fee, 12s. 6d.

A practical class, in which statistical material will be criticised and tabulated, will be held immediately after each lecture.

Fee for lectures and class, £1 1s.

12. **Methods and Applications of Statistics**, eleven lectures in continuation of the course begun in Michaelmas Term, by Professor BOWLEY, on Tuesdays, at 12 noon, beginning 20th January. Fee, 12s. 6d.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 15th January, for evening students.

13. **Logic and Scientific Method (senior course)**, a course of fifteen lectures by Dr. WOLF, on Thursdays, at 6 p.m., in Lent and Summer Terms, beginning L.T. 12th February, S.T. 29th April. Fee for the course, £1 1s.

These lectures are intended for B.Sc. (Econ.) Pass candidates who took Logic in the intermediate examination. They are the continuation of the course begun by Professor Bowley, No. 12 above, lectures 1—15.

14. **Methods and Applications of Statistics (Advanced)**, eleven lectures in continuation of the course begun in Michaelmas Term, by Professor BOWLEY, on Thursdays, at 7 p.m., beginning 15th January. Fee, 12s. 6d.

15. **Current Statistical Questions**, a course of ten lectures by Professor BOWLEY, on Mondays, at 7.15 p.m., beginning 19th January. Fee, 12s. 6d.

16. **Advanced Mathematics**, eleven lectures in continuation of the course begun in Michaelmas Term, by Mr. CURWEN, on Mondays at 6 p.m., beginning 19th January. Fee, 12s. 6d.

This course is suitable for advanced students of Statistics and Mathematical Economics. Knowledge of the subjects of the Intermediate Science (Econ.) syllabus is assumed.

17. **The Progress of the Standard of Living: 1860-1913**. Seminar by Professor BOWLEY in continuation of the meetings in Michaelmas Term. On alternate Mondays, at 6 p.m., beginning 19th January. Admission to the Seminar will be exclusively by permission of Professor BOWLEY, and, subject to this, will be open to students paying either the Composition Fee or the Research Fee.

PREPARATORY LECTURES,

leading up to the study either of Statistical Method or of Scientific Method generally.

18. **Mathematics Preparatory to Statistics**, the continuation of the course begun in Michaelmas Term, by Mr. CURWEN, on Thursdays, from 11 a.m. to 1 p.m., beginning 15th January. Fee, £1 1s.

The above course will be repeated on Tuesdays, from 6 to 8 p.m., beginning 20th January, for evening students.

19. **Logic and Scientific Method**, eleven lectures, in continuation of the course begun in Michaelmas Term, by Dr. WOLF, on Thursdays, at 11 a.m., beginning 15th January.

In connection with this course the lecturer will hold a class on Thursdays, at 12 noon.

Fee, £1 1s.; for lectures only, 12s. 6d.

The above course will be repeated on Tuesdays, at 6 p.m., beginning 20th January, for evening students.

The class for evening students in connection with this course will meet on Tuesdays, at 7 p.m.

20. **Logic and Scientific Method (Class)**. Dr. WOLF will hold a special class on Mondays, at 6 p.m., in Summer Term, beginning 26th April, for students proceeding to the Intermediate Examination in the Faculty of Economics and Political Science.

B.—POLITICS AND PUBLIC ADMINISTRATION.

(See page 38 of the School Calendar.)

26. **The History of Political Ideas in connection with the History of Europe and the United States**, a course of nineteen lectures by Mr. DICKINSON, on Tuesdays, at 7.15 p.m., in Lent and Summer Terms, beginning L.T. 20th January, S.T. 27th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

27. **The Psychology of Modern Society**, a course of twenty lectures by Professor GRAHAM WALLAS, on Thursdays, at 5 p.m., in Lent and Summer Terms, beginning L.T. 15th January, S.T. 29th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

28. **Political Science**. Seminar by Professor GRAHAM WALLAS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

29. **The British Constitution**, eleven lectures in continuation of the course begun in Michaelmas Term, by Mr. LEES SMITH, on Fridays, at 11 a.m., beginning 16th January. Fee, 12s. 6d.

The above course of lectures will be repeated at 7.15 p.m. on the same day for evening students.

30. **The Government Departments of the United Kingdom and their Official Staff**, a course of ten lectures by Professor GRAHAM WALLAS, on Tuesdays, at 6 p.m., beginning 20th January. Fee 12s. 6d.

31. **The Central Government of the United Kingdom**, a course of thirty lectures by Mr. LEES SMITH, in the session 1920-21.

32. **Problems of Central Government**, eleven lectures, in continuation of the course begun in Michaelmas Term, by Mr. LEES SMITH, on Thursdays, at 3.30 p.m., beginning 15th January. Fee, 12s. 6d.

33. **The Future of Parliamentary Institutions**, a course of five lectures by Mr. LEES SMITH, on Fridays, at 5 p.m., in Summer Term, beginning 30th April. Fee, 7s. 6d.

35. **Federal Government**, a course of six lectures by Professor MORGAN, on Fridays, at 5 p.m., in Summer Term, beginning 30th April. Fee, 10s. 6d.

36. **The British Empire**, a course of eight lectures by Professor GRAHAM WALLAS, on Tuesdays, at 5 p.m., in Summer Term, beginning 27th April. Fee, 12s. 6d.

37. **Public Administration, with reference to the Central and Local Government of Great Britain (Class)**. Mr. LEES SMITH holds a special class on Fridays, at 12.15 p.m., for students proceeding to the Final Examination for the degree of B.Sc. (Econ.) and other advanced students. The class will meet again on 16th January. Admission to the class will be exclusively by permission of Mr. LEES SMITH. Fee, 12s. 6d.

37a. Comparative Public Administration: a course of twenty lectures by Mr. GRIMSHAW, on the Machinery of Government, on Mondays, at 8 p.m., beginning 19th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. Division of functions: the central departments: the recruitment and organisation of the civil services: the local authorities and their relations with the central government in modern European States and the U.S.A.

38. Public Administration. Seminar for the supervision of theses for research degrees, by Mr. LEES SMITH. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

39. Professor SIDNEY WEBB will also meet research students from time to time by arrangement.

41. Public Administration, with special reference to the Local Government of Great Britain, eleven lectures in continuation of the course begun in Michaelmas Term, by Professor GRAHAM WALLAS, on Wednesdays, at 12 noon, beginning 21st January.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Thursdays, at 2.30 p.m., beginning 22nd January.

Fee, £1 1s.; for lectures only, 12s. 6d.

The above course of lectures will be given also on Thursdays, at 7.15 p.m., beginning 15th January, for evening students.

The class for evening students taken by Mr. GRIMSHAW in connection with this course will meet on alternate Thursdays, at 8.15 p.m., beginning 22nd January.

42. Social and Constitutional Developments arising out of the War, eleven lectures in continuation of the course begun in Michaelmas Term, by Mr. LEES SMITH, on Fridays, at 5 p.m., beginning 16th January. Fee, 12s. 6d.

43. Tariffs and Tariff Administration, a course of nine lectures by Mr. GREGORY, on Tuesdays, at 6 p.m., in Summer Term, beginning 27th April. Fee, 12s. 6d.

C.—HISTORY.

(See page 43 of the School Calendar.)

The Department of Palæography and Diplomatic has been transferred to King's College. Students of the London School of Economics and Political Science continuing their work under Mr. Hall will do so at King's College under the inter-collegiate system.

50. (d) Early Modern History, a course of ten lectures by Mr. GREEN, on Fridays, at 11 a.m., beginning 16th January. Fee, 12s. 6d.

The above course of lectures will be repeated at 7.15 p.m. on the same day for evening students.

50. (e) The 19th Century and After, a course of nine lectures by Professor HEARNSHAW, on Fridays, at 11 a.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

51. The Economic Position of the Great Powers, eleven lectures in continuation of the course begun in Michaelmas Term, by Dr. KNOWLES, on Tuesdays, at 10.45 a.m., beginning 20th January. Fee, 12s. 6d.

The above course of lectures will be repeated on Wednesdays, at 6 p.m., beginning 21st January, for evening students.

52. The Political Position of the Great Powers, including the United States, a course of thirty lectures in the session 1920-21.

54. The Partition of Africa, a course of ten lectures by Miss F. M. GRAVES, on Thursdays, at 6 p.m., beginning 15th January. Fee, 12s. 6d.

55. Economic History: The Industrial Revolution and the Economic Effects of the French Wars, eleven lectures in continuation of the general course on Industrial History begun in Michaelmas Term, by Dr. KNOWLES, on Wednesdays, at 10.45 a.m., beginning 21st January.

Fee, £1 1s.; for lectures only, 12s. 6d.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Fridays, at 2.15 p.m., beginning 23rd January.

The above course of lectures will be given also on Thursdays, at 7.15 p.m., beginning 15th January, for evening students.

The class for evening students taken by Mr. GRIMSHAW in connection with this course will meet on alternate Thursdays, at 8.15 p.m., beginning 15th January.

56. The Growth of English Commerce and Colonisation, with special reference to the period after 1846, eleven lectures in continuation of the course begun in Michaelmas Term, by Dr. KNOWLES, on Thursdays, at 10.30 a.m., beginning 15th January. Fee, 12s. 6d.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

57. Economic History: English Economic Development between 1485 and 1760, a course of thirty lectures by Dr. KNOWLES, in the session 1920-21.

58. Economic History. Seminar by Dr. KNOWLES for the supervision of theses for research degrees. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

D.—LAW.*(See page 48 of the School Calendar.)*

Particulars of lectures on Railway Law are given on p. 30.

62. (b) **Negotiable Instruments**, a course of five lectures by Mr. PAGE, on Fridays, at 6.30 p.m., beginning 16th January. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

62. (c) **Banking and Guarantee**, a course of six lectures by Mr. PAGE, on Fridays, at 6.30 p.m., beginning 20th February. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

62. (d) **Sale of Goods**, a course of five lectures, by Mr. LE QUESNE, on Fridays, at 6.30 p.m., in Summer Term beginning 30th April. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

62. (e) **Agency**, a course of four lectures, by Mr. LE QUESNE, on Fridays, at 6.30 p.m., in Summer Term beginning 4th June. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

Fee for lectures and class throughout each term, £1 1s.

63. (g) **Carriage by Land and Sea**, a course of six lectures by Mr. PAGE, on Mondays, at 6.30 p.m., beginning 19th January. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

63. (h) **Marine Insurance**, a course of five lectures by Mr. PAGE, on Mondays at 6.30 p.m., beginning 23rd February. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

63. (j) **Company Law**, a course of five lectures by Mr. LE QUESNE, on Mondays at 6.30 p.m., in Summer Term beginning 26th April. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

63. (k) **The Law of Partnership**, a course of four lectures by Mr. LE QUESNE, on Mondays, at 6.30 p.m., in Summer Term beginning 7th June. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

Fee for lectures and class throughout each term, £1 1s.

66. **Constitutional Law and its History.—Part I.**, eleven lectures in continuation of the course begun in Michaelmas Term by Professor MORGAN on Mondays, at 6.15 p.m., beginning 19th January.

In connection with these lectures a class will be held at 7.15 p.m. Fee, £1 1s.; for lectures only, 12s. 6d.

67. **Constitutional Law (Class)**.—Professor MORGAN will hold a special class in Summer Term, for students in the Faculty of Laws for the discussion of cases and statutes and the interpretation of mediæval documents,

68. **Constitutional Law and its History.—Part II.**, eleven lectures in continuation of the course begun in Michaelmas Term by Professor MORGAN, on Fridays, at 6.15 p.m. beginning 16th January.

In connection with these lectures a class will be held at 7.15 p.m.

Fee, £1 1s.; for lectures only, 12s. 6d.

Advanced students who are interested in comparative constitutional law are invited to consult the lecturer as to the choice of French and German authorities. Professor MORGAN will be glad to see students desiring to consult him, at the School, on Fridays between 5.30 and 6 p.m. during term, by appointment.

69. **The Constitutional Law of the British Colonies**, a course of twenty lectures by Professor MORGAN, on Thursdays, at 6.15 p.m., in Lent and Summer Terms, beginning L.T. 15th January, S.T. 29th April. Fee for the course, £2 2s.

These lectures will be given at University College. Students paying the Composition Fee at the London School of Economics and Political Science may attend them without further payment. Tickets of admission are necessary, and may be obtained in the Secretary's office.

70. **Constitutional Law and its History**. Seminar by Professor MORGAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

71. **The Laws of Naval Warfare**, eleven lectures in continuation of the course on International Law (War and Neutrality), begun in Michaelmas Term, by Professor PEARCE HIGGINS, on Mondays at 3.30 p.m., beginning 19th January.

In connection with this course Professor PEARCE HIGGINS will hold a class on Mondays at 4.30 p.m.

Fee, £1 1s.; for lectures only, 12s. 6d.

72. **The Law of Nations as regards Territory and the rights of Individuals**, eleven lectures in continuation of the course on International Law (Peace), begun in Michaelmas Term, by Professor PEARCE HIGGINS, on Fridays, at 8 p.m., beginning 16th January.

In connection with this course Professor PEARCE HIGGINS will hold a class on Fridays, at 7 p.m.

Fee, £1 1s.; for lectures only, 12s. 6d.

73. **International Law**. Seminar by Professor PEARCE HIGGINS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

74. **International Labour Legislation**, a course of three lectures by Professor SIR JOHN MACDONNELL, on Thursdays, at 5.30 p.m., beginning 11th March. Open to the public without fee.

These lectures are given at the London School of Economics and Political Science with the approval of the Senate and by arrangement with the Council of University College.

E.—GEOGRAPHY.*(See page 56 of the School Calendar).*

82. Geography, the continuation of the course for the Intermediate Examination, begun in Michaelmas Term, by Major JONES and Miss RODWELL JONES, on Tuesdays, from 11 a.m. to 1 p.m., beginning 20th January. Fee, £1 1s.

The above course will be repeated on Wednesdays, from 6 to 8 p.m., beginning 21st January, for evening students.

83. A Map Class in Geography meets under the direction of Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Fridays, at 3 p.m. It will reassemble on 16th January. Fee, £1 11s. 6d.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of 12s. 6d. a term.

84. A Map Class in Geography meets under the direction of Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Saturdays, at 11 a.m. It will reassemble on 17th January. Fee, £1 11s. 6d.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of 12s. 6d. a term.

85. A Class in Detailed Geography meets under the direction of Major JONES on Wednesdays, at 3 p.m. It will reassemble on 21st January. Fee, £1 11s. 6d.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of 12s. 6d. a term.

86. A Class in Detailed Geography meets under the direction of Miss RODWELL JONES, on Fridays at 6 p.m. It will reassemble on 16th January. Fee, £1 11s. 6d.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of 12s. 6d. a term.

In connection with the above courses Mr. MACKINDER and Professor SARGENT will lecture occasionally and give short courses of lectures. See for instance Nos. 87 and 88.

87. The Peace Treaty in the Light of Economic Geography, a course of three lectures by Professor SARGENT, on Fridays, at 6 p.m., beginning 6th February. Fee, 5s.

88. The Railways and Seaports of North America, a course of three lectures by Professor SARGENT, on Wednesdays, at 3 p.m., in Summer Term, beginning 12th May. Fee, 5s.

89. Geography (Seminar). Mr. MACKINDER will meet candidates for Research Degrees from time to time by arrangement.

Open to students paying either the Composition Fee or the Research Fee,

90. Economic Geography. A Seminar under the direction of Professor SARGENT meets on Fridays, at 5 p.m. It will reassemble on 16th January.

Open to students paying either the Composition Fee or the Research Fee.

91. Historical Geography, a course of ten lectures by Mr. C. GRANT ROBERTSON, on Mondays, at 6 p.m., beginning 19th January. Fee, 12s. 6d.

Syllabus The historical geography of the State-system of Europe, with particular reference to the influence of the geographical factor in the modern epoch.

Books will be recommended to students as the course progresses. The lectures will be illustrated by lantern slides.

92. Modern Historical Geography of North America, a course of eight lectures by Professor SARGENT, on Fridays, at 3 p.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

93. The British Empire under the New Conditions of the World, three lectures by Professor SARGENT in continuation of the course begun by Mr. MACKINDER in Michaelmas Term, at 11 a.m., on Saturdays, 24th and 31st January and 7th February. Fee, 5s.

London teachers, who will have precedence should it be necessary to limit the class, may obtain admission through the Education Officer, L.C.C. Education Department, Victoria Embankment, W.C. 2, to whom they should apply for particulars of special terms.

94. The Geography of London, a course of four lectures by Miss RODWELL JONES, on Mondays, at 6 p.m., in Summer Term, beginning 26th April. Fee, 7s. 6d.

The lectures will be illustrated by lantern slides.

i. The Physical Basis of Geography, the continuation of the course begun in Michaelmas Term by Professor GARWOOD, on Thursdays, from 5.15—7.15 p.m., beginning 15th January. Terminal Fee, £2 12s. 6d.

ii. Instruments and Maps, a course by Mr. ORMSBY, on Tuesdays at 4 p.m., beginning 13th January. This course will be followed by further practical work (two hours a week), in Summer Term. Fee for the two terms, £2 12s. 6d.; for Lent Term, £1 1s.; for Summer Term, £2 2s.

These lectures are given at University College, and complete the course for students registered at the London School of Economics and Political Science for the Academic Diploma in Geography.

Students who have time to follow Mr. Ormsby's course in both terms are advised to do so, although attendance is compulsory only during the Summer Term.

See also lectures for students in this Department in the section Ethnology, page 24, No. 105.

For particulars of the Certificate of the School and the Academic Diploma of the University in Geography, see pp. 88 and 90 of the School Calendar.

F.—ETHNOLOGY.*(See page 60 of the School Calendar.)*

101. The Melanesians of Papua (British New Guinea), a course of eight lectures by Professor SELIGMAN, on Tuesdays, at 2 p.m., beginning 20th January. Fee, £1 1s.

102. Class by Professor SELIGMAN after each lecture. Free to students attending the above lectures.

103. Some Migrations and Survivals, a course of six lectures by Professor SELIGMAN, on Wednesdays, at 2 p.m., beginning 21st January. Fee, £1 1s.

104. Class by Professor SELIGMAN after each lecture. Free to students attending the above lectures.

105. The Peoples of Europe and the adjoining parts of Asia and Africa, a course of four lectures by Professor SELIGMAN, on Wednesdays, at 5 p.m., beginning 28th January. Fee, 7s. 6d.

These lectures are primarily intended for students in the Department of Geography.

106. Ethnology. Seminar by Professor SELIGMAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

G.—SOCIOLOGY.

(See page 62 of the School Calendar.)

110. Introduction to the Study of Society, ten lectures in continuation of the course begun in Michaelmas Term by Professor HOBHOUSE, on Mondays, at 11 a.m., beginning 19th January. Fee, £1 1s.

111. Class by Professor HOBHOUSE after each lecture. Free to students attending the lectures.

114. Comparative and Social Psychology, a course of ten lectures by Professor HOBHOUSE, on Wednesdays, at 3 p.m., beginning 21st January. Fee, £1 1s.

115. Class by Professor HOBHOUSE after each lecture. Free to students attending the lectures.

116. Applied Social Philosophy. A Special Class for advanced students meets under the direction of Professor HOBHOUSE, on Mondays, at 3 p.m. It will reassemble on 19th January. Fee, £1 1s.

117. Social Institutions, a course of fourteen lectures by Professor WESTERMARCK, on Mondays and Tuesdays, at 11 a.m., in Summer Term, beginning Monday, 26th April. Fee, £1 11s. 6d.

118. Class by Professor WESTERMARCK after each lecture. Free to students attending the above lectures.

119. Early Beliefs and their Influence on Social Relationships and Institutions, a course of seven lectures by Professor WESTERMARCK, on Mondays, at 5 p.m., in Summer Term, beginning 26th April. Fee, £1 1s.

120. Class by Professor WESTERMARCK after each lecture. Free to students attending the above lectures.

121. Sociology. Seminar by Professor WESTERMARCK for advanced students on Tuesdays in Summer Term, at times to be arranged. The first meeting will be at 3 p.m., on Tuesday, 27th April.

Open to students paying either the Composition Fee or the Research Fee.

H.—SOCIAL SCIENCE AND ADMINISTRATION.

THE RATAN TATA DEPARTMENT, UNIVERSITY OF LONDON.

(See page 64 of the School Calendar.)

127. Industrial Problems, a composite course of nine lectures, by various lecturers, on Mondays, at 5 p.m., in Summer Term, beginning 26th April. Fee for the course, 12s. 6d.; for separate lectures, 2s. 6d.

Mon., 5 p.m., 26th April } "Trade Unions, Their Use and Development." Mr. J. J. MALLON.
and 3rd May.

Mon., 5 p.m., 10th May. "Trade Unions for Women." Dr. MARION PHILLIPS.

Mon., 5 p.m., 17th May. "Labour from an Employer's Point of View." Mr. ERNEST D. SIMON.

Mon., 5 p.m., 31st May } "Trade Unions, Their Present Position and Future Difficulties." Mr. MALLON.
and 7th June.

Mon., 5 p.m., 14th and } "State Regulation of Industry." Miss CONSTANCE SMITH.
21st June.

Mon., 5 p.m., 28th June. "Minimum Wage Legislation." Mr. G. T. REID.

128. Health and the Worker, ten lectures (for women only) in continuation of the course begun in Michaelmas Term, by Dr. HAZEL H. CHODAK, on Tuesdays, at 6.30 p.m., beginning 20th January. Fee, 12s. 6d.

129. A Historical and Critical Account of Some Principles of Social Management, a course of nineteen lectures by Professor URWICK, on Tuesdays, at 11 a.m., in Lent and Summer Terms, beginning L.T. 20th January, S.T. 27th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Admission to the course will be exclusively by permission of Professor URWICK.

132. Social Economics, eleven lectures in continuation of the course begun in Michaelmas Term, by Professor URWICK and Miss CHRISTIE, on Tuesdays, at 12 noon, beginning 20th January. Fee, 12s. 6d.

133. The Application of Economic Principles to Social Questions, a course of nine lectures by Professor URWICK and Miss CHRISTIE, on Mondays, at 11 a.m., in Summer Term, beginning 26th April. Fee, 12s. 6d.

134. Social History from 1760, eleven lectures in continuation of the course begun in Michaelmas Term, by Mr. TAWNEY, on Wednesdays, at 10.45 a.m., beginning 21st January. Fee, 12s. 6d.

135. Social Philosophy, ten lectures in continuation of the course begun in Michaelmas Term by Miss CHRISTIE, on Mondays, at 11 a.m., beginning 19th January. Fee, £1 1s.

136. Class by Miss CHRISTIE after each lecture. Free to students attending the lectures.

137. Industry, the State and the Public, ten lectures in continuation of the course begun in Michaelmas Term, by Mr. LLOYD, on Wednesdays, at 12 noon, beginning 21st January. Fee, 12s. 6d.

The above course of lectures will be repeated on Thursdays at 8.15 p.m. beginning 22nd January, for evening students.

138. Welfare Work, a special course of lectures for students interested in Welfare Work will be given on Tuesdays at 8 p.m., beginning 27th January, with a Public Lecture on "Welfare Work from the Employer's point of view," by Sir EDWARD PENTON, K.B.E. Subsequent lectures will deal with the work from the point of view of (1) the workers, (2) the Trade Unions, (3) the Welfare Supervisor, (4) the community in general. The course as a whole is open only to students actually engaged in preparation for Welfare Work, but certain of the lectures will be open to the general public without fee (for details, see special leaflet). Fee for the course, 5/-.

Special Classes will also be taken by Mr. ATTLEE, Miss HARRISON and others, for students interested in Welfare Work, of which details are given in a separate leaflet.

J.—COMMERCE AND INDUSTRY.

(See page 67 of the School Calendar.)
(See also Nos. 6, 7 and 8.)

141. The Organisation of English Foreign Trade, an elementary course of ten lectures by Mr. GREGORY, on Wednesdays, at 12 noon, beginning 21st January. Fee, 12s. 6d.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 15th January, for evening students.

142. The Foreign Exchanges, a course of six lectures by Mr. GREGORY, on Thursdays, at 7.15 p.m., beginning 15th January. Fee, 10s. 6d.

143. The Commerce and Commercial Problems of the Great Powers, eleven lectures in continuation of the course begun in Michaelmas Term, by Mr. GREGORY, on Thursdays, at 12 noon, beginning 15th January. Fee, 12s. 6d.

The above course of lectures will be repeated on Wednesdays, at 7.15 p.m., beginning 21st January, for evening students.

145. Markets and Market Organisation, Economic and Geographical, a course of nineteen lectures by Professor SARGENT, on Mondays, at 2.30 p.m. in Lent and Summer Terms, beginning L.T. 19th January, S.T. 26th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

In connection with this course a class for discussion may be held if sufficient students enter.

Fee for lectures and class: For the course, £1 17s. 6d.; Terminal, £1 1s.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students,

146. Commercial Relations of the United Kingdom with the Near East, a course of ten lectures by Professor SARGENT, on Fridays at 7.15 p.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

147. A Class for the Study of Commercial Documents will meet under the direction of Professor SARGENT and Mr. GREGORY, on Fridays, at 12 noon, in Summer Term, beginning 30th April. Fee, 12s. 6d.

148. Foreign Trade (Class). Professor SARGENT will hold a special class for candidates for the Certificate in Commerce. Admission will be exclusively by permission of Professor SARGENT. Times to be arranged with students. Fee, 12s. 6d.

149. Foreign Trade. Seminar for the supervision of theses for research degrees, by Professor SARGENT. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

K.—ACCOUNTING AND BUSINESS METHODS.

(See page 71 of the School Calendar.)

155. Accounts of Traders and Companies, eleven lectures in continuation of the course begun in Michaelmas Term, by Colonel DE PAULA, on Mondays, at 11 a.m., beginning 19th January. Fee, £1 1s.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

156. Class. In connection with the above course a class will be held morning and evening immediately after each lecture. Free to students attending the lectures.

157. Accounting and Business Methods (Part I.), eleven lectures in continuation of the course begun in Michaelmas Term, by Professor DICKSEE on Mondays, at 7 p.m., beginning 19th January.

In connection with this course a class will be held on Mondays, at 6 p.m., beginning 19th January.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, £1 1s.; for lectures only, 12s. 6d.

158. Accounting and Business Methods (Part II.), eleven lectures in continuation of the course begun in Michaelmas Term, by Colonel DE PAULA, on Fridays, at 7 p.m., beginning 16th January.

In connection with this course a class will be held on Fridays, at 6 p.m., beginning 16th January.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, £1 1s.; for lectures only, 12s. 6d.

160. **Business Organisation**, a course of twenty lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Lent and Summer Terms, beginning L.T. 21st January, S.T. 28th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

L.—BANKING.

(See page 74 of the School Calendar.)

Other lectures of interest to students of Banking are:—Nos. 62 (b, c, d, e), 63(j), 157 and 158.

165. **Currency, Banking, and the Money Market**, an elementary course of nine lectures by Professor FOXWELL, on Thursdays, at 6 p.m., in Summer Term, beginning 29th April. Fee, 12s. 6d.

166. **Foreign Banking**, a course of eight lectures by Mr. GREGORY, on Fridays, at 8 p.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

167. **Currency and Banking, Descriptive and Theoretical**, with special reference to England, eleven lectures in continuation of the course begun in Michaelmas Term, by Professor FOXWELL, on Tuesdays, at 12 noon, beginning 20th January. Fee, 12s. 6d.

168. **The Stock Exchange, Speculative Markets, and other Subjects connected with Banking**, a course of nine lectures by Professor FOXWELL, on Tuesdays, at 6 p.m., in Summer Term, beginning 27th April. Fee, 12s. 6d.

169. **Banking, Descriptive and Theoretical**, ten lectures in continuation of the advanced course begun in Michaelmas Term, by Professor FOXWELL, on Tuesdays, at 6 p.m., beginning 20th January. Fee, 12s. 6d.

In this course a general knowledge of currency and banking subjects will be assumed, such as would be possessed by students who had already attended courses Nos. 165, 167 and 168 above. The main purpose of the course will be to deal, more fully than is possible in the morning course, with those aspects of these subjects which may from time to time be of special interest, e.g., with such questions as the financing of English industry and our overseas trade, the recent developments of banking in England and the United States, certain foreign exchange problems and the like.

It is proposed to give a similar course on Currency and Prices in the session 1920-21.

170. **The History of Currency and Banking, with special reference to England**, eleven lectures in continuation of the course begun in Michaelmas Term, by Professor FOXWELL, on Tuesdays, at 7 p.m., beginning 20th January. Fee, 12s. 6d.

171. **Banking and Currency**. Seminar by Professor FOXWELL. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

GILBART LECTURES.

How the Banker serves the Community, a course of four lectures by Mr. HARTLEY WITHERS, on Mondays, at 6 p.m., beginning 12th January.

The above course of lectures will be repeated at the same hour on Thursdays, beginning 15th January.

These lectures will be given at King's College. No further tickets of admission can be issued.

An examination, for which a fee of 5s. is charged, will be held on 4th March, at 6 p.m. Only those students who have attended the four lectures will be eligible to take the examination.

M.—TRANSPORT.

(See page 78 of the School Calendar.)

INTRODUCTORY LECTURES.

178. **The Railway System as a Wealth-creating Machine**, a course of ten lectures by Mr. BURTT, on Tuesdays, at 6.15 p.m., beginning 20th January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

ADVANCED LECTURES.

180. **The Principal Factors in Railway Operating**, ten lectures in continuation of the course begun in Michaelmas Term, by Mr. BURTT, on Wednesdays, at 6.15 p.m., beginning 21st January. Fee, £1 1s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

181. **The Commercial Side of Railway Economics**, ten lectures in continuation of the course begun in Michaelmas Term, by Mr. STEPHENSON, on Fridays, at 8 p.m., beginning 16th January. Fee, £1 1s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

182. **The Basis of Railway Rates and Charges**, ten lectures in continuation of the course begun in Michaelmas Term, by Mr. BURTT, on Thursdays, at 8 p.m., beginning 15th January. Fee, £1 1s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

183. Economics of Railway Construction and Locomotive Operation, ten lectures in continuation of the course begun in Michaelmas Term, by Mr. STEPHENSON, on Mondays, at 6.15 p.m., beginning 19th January. Fee, £1 1s.

Students attending this course may write essays for the lecturer.

No more mathematics will be included in the course than are essential.

184. The Railways in relation to the State, ten lectures in continuation of the course begun in Michaelmas Term, by Mr. BURTT, on Wednesdays, at 4.30 p.m., beginning 21st January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

185. European Railways, ten lectures in continuation of the course begun in Michaelmas Term, by Mr. STEPHENSON, on Fridays, at 6.15 p.m., beginning 16th January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer and an examination will be held at the end of the course.

186. The Law of Carriage by Railway, ten lectures in continuation of the course begun in Michaelmas Term, by Mr. W. VALENTINE BALL, on Wednesdays, at 6.15 p.m., beginning 21st January. Fee, £1 1s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

SPECIAL LECTURES.

188. Passenger Transport in Great Cities, a course of ten lectures by Mr. STEPHENSON, on Wednesdays, at 6.15 p.m., beginning 21st January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

189. Seminar for advanced students by Mr. STEPHENSON. Times to be arranged with students. Admission to the Seminar will be exclusively by permission of Mr. STEPHENSON.

Open to students paying either the Composition Fee or the Research Fee.

See the School Calendar for full particulars of:—

- (a) Certificates awarded by the School in:—
- (1) Geography and the Teaching of Geography.
 - (2) Commerce.
 - (3) Social Science and Administration.
- (b) Academic Diplomas awarded by the University in:—
- (1) Geography.
 - (2) Sociology and Social Administration.
- (c) Studentships and Scholarships offered by the School and the University.
- (d) Syllabuses and full information as to the different courses at the School.

To the SECRETARY,

The London School of Economics and Political Science,

Clare Market,

Kingsway, London, W.C.2.

M

would

be much obliged if the Secretary would forward to

^{him}_{her} a copy of the Abridged Calendar of the London

School of Economics and Political Science for the

Session 1919-20, giving detailed syllabuses of the Courses

of Lectures and information as to Prizes, Scholarships,

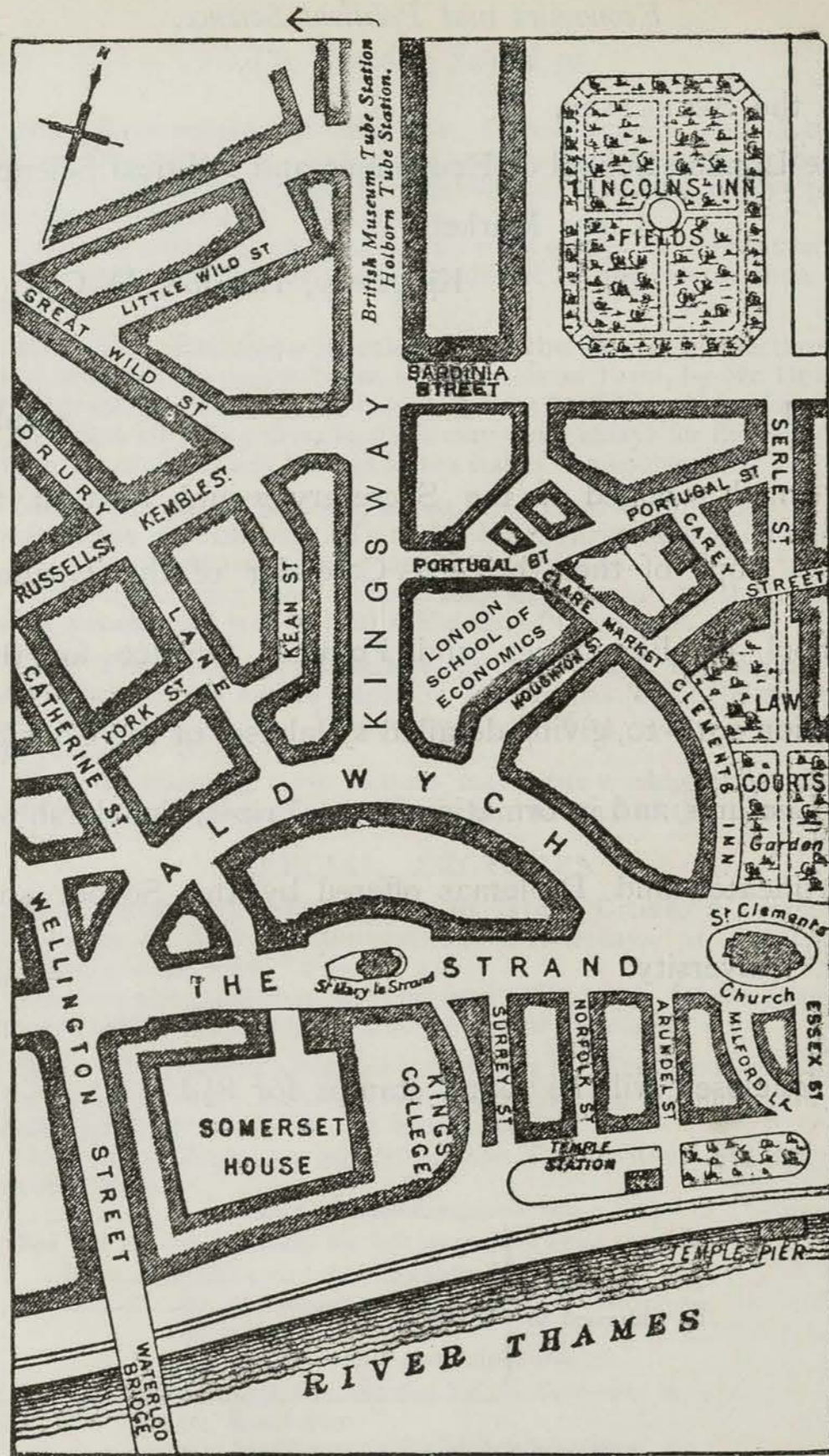
Certificates and Diplomas offered by the School and

the University.

Enclosed will be found stamps for 8½d.

The Calendar to
be addressed to

(Date)



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The London School of Economics and Political Science.

(University of London.)

CLARE MARKET, PORTUGAL ST., KINGSWAY, W.C.2.

[See Map on the Back.]

Telephone No. 6361 Central.

Telegraphic Address: "Poleconics, Estrand, London."

ARRANGEMENTS FOR SUMMER TERM 1920.

The Lectures in the List on pp. 14 to 25 are numbered as in the Calendar of the School.

Courses of Lectures beginning this Term are Nos. 20, 33, 35, 36, 43, 62, 63, 88, 92, 94, 117, 119, 121, 127, 133, 146, 147, 165, 166, 168.

**THE LONDON SCHOOL OF ECONOMICS
AND POLITICAL SCIENCE.**

(UNIVERSITY OF LONDON.)

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fessor of Statistics in the University of London. **Mathematics and Statistics.**

*EDWIN CANNAN, M.A., LL.D., Professor of Political Economy in
the University of London. **Economic Theory.**

*G. LOWES DICKINSON, M.A., Fellow of King's College, Cambridge.
Political Science.

*LAWRENCE R. DICKSEE, M.Com., F.C.A., Professor of Accounting
and Business Organisation in the University of London. **Accounting and Business Methods.**

†*H. S. FOXWELL, M.A., F.B.A., Fellow and late Lecturer of St.
John's College, Cambridge; Professor of Political Economy in
the University of London. **Banking and Currency.**

†A. PEARCE HIGGINS, C.B.E., M.A., LL.D., Barrister-at-Law;
Professor of International Law in the University of London
and Lecturer on International Law at the Royal Naval Staff
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‡*L. T. HOBHOUSE, M.A., late Fellow of Corpus Christi and Merton
Colleges, Oxford; Martin White Professor of Sociology in the
University of London. **Sociology.**

* Member of the Faculty of Economics and Political Science in the University
of London.

† Member of the Faculty of Laws in the University of London.

‡ Member of the Faculty of Arts in the University of London.

*LILIAN KNOWLES, Litt.D., Dublin; Hist. Tripos and Law Tripos,
Girton College, Cambridge; Reader in Economic History in the
University of London. **Economic History.**

†*SIR JOHN MACDONELL, K.C.B., M.A., LL.D., F.B.A., Professor of
Comparative Law in the University of London; Member of the
Institute of International Law; Senior Master of the Supreme
Court and King's Remembrancer. **International Law.**

‡*SIR HALFORD J. MACKINDER, M.A., M.P., Reader in Geography in the
University of London; formerly Reader in Geography in the
University of Oxford, and Student of Christ Church, Oxford.
Geography.

†*J. H. MORGAN, M.A., Professor of Constitutional Law in the Uni-
versity of London; formerly Scholar of Balliol College, Oxford;
Barrister-at-Law of the Inner Temple. **Constitutional Law.**

*A. J. SARGENT, M.A., Brasenose College, Oxford; Professor of
Commerce in the University of London. **Geography and Commerce.**

|| *C. G. SELIGMAN, M.D., F.R.S., Professor of Ethnology in the
University of London. **Ethnology.**

*H. B. LEES SMITH, M.A., Queen's College, Oxford; late Pro-
fessor of Economics and Public Administration in the University
of Bristol. **Economics and Public Administration.**

*W. TETLEY STEPHENSON, B.A., St. Catharine's College, Cambridge;
late Statistical Officer of the London Underground Railways and
the London General Omnibus Co.; formerly of the North-
Eastern Railway; Lecturer at the City and Guilds Engineering
College. **Transport.**

*E. J. URWICK, M.A., Tooke Professor of Economic Science and
Statistics, University of London. **Social Science and Administration.**

††*GRAHAM WALLAS, M.A., Corpus Christi College, Oxford; Pro-
fessor of Political Science in the University of London. **Political Science.**

*SIDNEY WEBB, LL.B., Professor of Public Administration in the
University of London. **History and Public Administration.**

†*E. A. WESTERMARCK, Ph.D., LL.D., Martin White Professor of
Sociology in the University of London; Principal of the Academy
of Åbo, Finland. **Sociology.**

†*A. WOLF, D.Lit., London; M.A., Cambridge; Fellow of University
College, London; sometime Fellow of St. John's College, Cam-
bridge; Reader in Logic and Ethics in the University of London.
Logic and Scientific Method.

* Member of the Faculty of Economics and Political Science in the University
of London.

† Member of the Faculty of Laws in the University of London.

‡ Member of the Faculty of Arts in the University of London.

|| Member of the Faculty of Science in the University of London.

Lecturers giving Lectures and Courses of Lectures on Special Subjects.

- W. VALENTINE BALL, O.B.E., M.A., Cantab.; Barrister-at-Law.
Railway Law.
 PHILIP BURTT, formerly Deputy-Manager of the North-Eastern Railway.
Railway Science and Economics.
 H. T. CURWEN, B.Sc. (Lond.). **Mathematics.**
 HUGH DALTON, M.A., King's College, Cambridge; Barrister-at-Law of the Middle Temple; Hutchinson Research Student of the London School of Economics and Political Science, 1911.
Economics and Public Finance.
 F. M. GRAVES, M.B.E., sometime Secretary, British Delegation, African Committee, Paris Congress, 1919. **History.**
 G. E. GREEN, M.A., Lecturer in History at East London College. **History.**
 T. E. GREGORY, B.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1913. **Commerce.**
 H. A. GRIMSHAW, B.A., M.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1916. **History and Public Administration.**
 F. J. C. HEARNshaw, M.A., LL.D., Professor of History at King's College. **History.**
 HILDA RODWELL JONES, B.Sc. (Econ.), London. **Geography.**
 Major LLEWELLYN R. JONES, B.Sc., London. **Geography.**
 C. T. LE QUESNE, B.A., late Scholar and Senior Scholar of Exeter College, Oxford; Barrister-at-Law of the Inner Temple. **Commercial Law.**
 ARTHUR PAGE, B.A., Oxford; Barrister-at-Law. **Commercial Law.**
 F. R. M. DE PAULA, O.B.E., F.C.A. **Accounting.**
 C. GRANT ROBERTSON, M.A., Fellow of All Souls' College, Oxford. **Historical Geography.**
 HARTLEY WITHERS, Editor of the *Economist*. **Banking.**

Assistants.

- P. W. BRYAN. **Geography.**
 HUGH DALTON, M.A., King's College, Cambridge; Barrister-at-Law of the Middle Temple; Hutchinson Research Student of the London School of Economics and Political Science, 1911. **Economics.**
 T. E. GREGORY, B.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1913. **Commerce.**
 H. A. GRIMSHAW, B.A., M.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1916. **History and Public Administration.**
 MARGARET H. HOGG, Maths. Trip., Newnham College, Cambridge. **Statistics.**
 ARTHUR F. SPENCER, M.A., Christ Church, Oxford. **Statistic Library.**

UNIVERSITY OF LONDON. RATAN TATA DEPARTMENT OF SOCIAL SCIENCE AND ADMINISTRATION.

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- *E. J. URWICK, M.A., Tooke Professor of Economic Science and Statistics, University of London.

LECTURERS AND TUTORS IN THE DEPARTMENT.

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 MARY E. CHRISTIE, Hist. Trip., } Senior Tutors.
 Newnham College, Cambridge. }
 C. M. BAINES.
 MARY COLEMAN, B.Sc. (Econ.), London.
 AGNES A. CROSTHWAITE.
 EDITH V. ECKHARD, Econ. Trip., Newnham College, Cambridge.
 MADELINE G. GLASIER.
 AGATHA HARRISON.
 MINNIE L. HASKINS.
 EILEEN KEYSER.
 C. M. LLOYD, M.A.
 GERTRUDE WILLIAMS, B.A., Manchester.
 R. H. TAWNEY, B.A., Fellow of Balliol College, Oxford.

LECTURERS GIVING LECTURES AND SHORT COURSES OF LECTURES.

- HAZEL H. CHODAK GREGORY, M.D., B.S., M.R.C.P., Medical Tutor, London (Royal Free Hospital) School of Medicine for Women.
 J. J. MALLON, Secretary, National Anti-Sweating League.
 MARION PHILLIPS, D.Sc. (Econ.), London; Chief Woman Officer of the Labour Party.
 G. T. REID, B.Sc. (Econ.), London; Secretary, Court of Arbitration.
 ERNEST D. SIMON, M.I.C.E.
 CONSTANCE SMITH, Senior Lady Inspector of Factories, Home Office

* Member of the Faculty of Economics and Political Science in the University of London.

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**THE LONDON SCHOOL OF
ECONOMICS AND POLITICAL SCIENCE.****INTRODUCTION.**

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE is a School of the University of London. Amongst the objects of the School are the following:—

(i) To provide for all classes and denominations, without any distinction whatsoever, opportunities and encouragement for pursuing a regular and liberal course of education of the highest grade and quality in the various branches of knowledge dealt with by the Institution, and especially those prescribed or required by the University of London from time to time.

(ii) To supply liberal courses of education specially adapted to the needs of persons who are, or who intend to be, engaged in any kind of administration, including the service of any government or local authority, railways, shipping, banking and currency, international trade, and any of the higher branches of Commerce and Industry, and also the profession of teaching any such subjects.

The lectures and classes of the School are arranged so that students can pursue a full University course in the subjects required for the B.Sc., M.Sc. and D.Sc. degrees in the Faculty of Economics and Political Science (including Commerce and Industry). A course for the intermediate examination for the degree of B.Com. began in October and courses for the final years are now being arranged. Lectures in commercial subjects will be given in the School itself. Foreign languages and such of the optional subjects as are not provided by the School may be studied at other Schools of the University. All courses for a first degree, either the B.Sc. (Econ.) or the B.Com. in this faculty, are so organised that students who can attend in the evening only can meet the full requirements of the University. The courses at the School are also useful for other University Examinations, especially as regards Law, Economics, Accountancy and Business Methods, History, Geography and Sociology, and for many of the subjects in the examination for the newly-instituted Diploma in Journalism.

Students of the School paying the LL.B. Composition Fee have access to the Law lectures not only of the School, but also of University and King's Colleges.

The lectures and classes of the School are also open to those who have not matriculated and cannot, for various reasons, pursue a full University course. Scientific training is provided for those engaged in (i) different branches of public administration, central and local, (ii) trade and commerce, (iii) railways, (iv) accounting. Many of the courses are useful to candidates for the examinations of the Institute of Bankers, the Institute of Chartered Accountants, the Society of Accountants, and the Chartered Institute of Secretaries, as well as to candidates for the Home, India and Consular Civil Services.

Some of the most important work of the School is done in

THE RESEARCH DEPARTMENT.

The work of the Department is carried on by means of (i) individual supervision of students, (ii) Seminars or Special Classes, and (iii) the Library. The lectures at the School likely to be useful to the students are pointed out to them. The method of utilising the British Museum, the Public Record Office, and other great libraries and collections of material is explained to them. They are supplied with brief bibliographies, and informed of the main sources from which such bibliographies may be supplemented and extended. The manner in which students collect their material and the use they make of it are criticised, and points arising out of their researches are discussed. One of the most valuable means of training research students is to be found in

THE LIBRARY.

The Reading Room of the Reference Library is open during term from 10 a.m. to 9 p.m.; on Saturdays from 10 a.m. to 1 p.m.

For full particulars see the Calendar of the School, p. 115.

The Lending Library is open to members of Common Room only.

Books may be borrowed from the Lending Library during such hours as the Reading Room is open.

N.B.—The Lending Library must not be confused with the Reference Library, from which books must on no account be taken away.

COMMON ROOM.

The Common Rooms are open to Members only during term from 10 a.m. to 9 p.m., on Saturdays from 10 a.m. to noon. The membership fee is 5s. Arrangements during vacation are posted on the Notice Board.

Lunch, tea, and dinner are served in the Refectory at reasonable prices. Lunch from 12.45 p.m. to 2.30 p.m., tea from 4 p.m. to 6 p.m., dinner or supper from 6.45 p.m. to 9 p.m. At 9 p.m. the Refectory is closed. Inclusive weekly terms may be arranged with the Housekeeper.

THE OFFICE.

The Office of the School is open daily except Saturdays from 10 a.m. to 5 p.m., during term to 8 p.m.; and on Saturdays from 10 a.m. to 12 noon.

APPLICATION TO JOIN THE SCHOOL

must be made on the proper form to be obtained from the Dean. All fees must be paid in advance, either personally or by post, if possible at least two clear days before the first meeting of the class which it is desired to join. Cheques should be made payable to the Director, London School of Economics, and crossed "London County, Westminster and Parr's Bank."

TABLE OF FEES.

Composition Fees.

General Composition Fee, admitting to all classes and lectures at the School, except the tutorial classes for candidates for the certificate in the Ratan Tata Department of Social Science and Administration; if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

In the Faculty of Economics for day students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes under the inter-collegiate system two hours of instruction per week throughout each session in French or German at King's College.

For the B. Com. intermediate course, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes admission to all the subjects which may be studied in the School itself, *i.e.*, all compulsory subjects for the intermediate examination and two of the optional subjects, *viz.*, Mathematics and History. It also admits to a course in one language to be taken under the inter-collegiate system at another School of the University. Students who wish to take other optional subjects will be required to pay the fee in addition.

Students working for a first degree in the Faculty of Economics whose mother tongue is not English, are expected to attend, during the first session, the special tutorial classes provided for their benefit in the subjects of the intermediate examination, see p. 15, section 6, of the School Calendar. Fee, if prepaid for the session, £5 5s.; if paid terminally, £2 2s. for each term.

In the Faculty of Economics for evening students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £10 10s.; if paid terminally, £4 4s. for each term. No teaching in languages is included in this fee.

For the B. Com. intermediate course covering a period of two sessions and admitting to a course in one language to be taken under the inter-collegiate system at another School of the University, if prepaid for the two sessions, £15 15s.; if paid in annual instalments, in the first session, £10 10s., and in the second session, £7 7s.; or if paid terminally, during the first session, £4 4s. each term, during the second session, £3 3s. each term.

In the Faculty of Laws, for the LL.B., if prepaid for the whole session, £12 12s.; if paid terminally, £5 5s. for each term.

These fees admit only to the LL.B. inter-collegiate courses held at the London School of Economics and Political Science, University College, and King's College. They include the payment of Union and Common Room fees, and entitle the student also to Common Room privileges at the two other Colleges.

Research Fees.

Research students who have access to the Library and are placed in communication with those lecturers and others able to assist them may be enrolled at any time. Fee, if prepaid for the whole session, £3 3s.; if paid terminally, £1 11s. 6d. for each term; for any period not exceeding six weeks from entry, £1 1s.

Advanced students receiving guidance from the lecturers either individually or in a seminar will pay the Research Fee.

In the Faculty of Economics.—Fees for candidates for higher degrees registered under Statutes 113 and 129, M.Sc. or D.Sc., if prepaid for two sessions, £15 15s.; if paid sessionally, £10 10s. for each session; if paid terminally, £4 4s. for each term.

In the Faculty of Laws, for the LL.D., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

In the Faculty of Arts, for the M.A. or D.Lit., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

Departmental Fees.

For Candidates for the Geography Certificate, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

For Candidates for the Academic Diploma in Geography, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. Students spreading their course over two years are expected to pay a further fee of £3 3s. in the second year.

These fees admit also to the necessary lectures at University College.

For Candidates for the Commercial Certificate, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. These fees admit also to the necessary language classes.

For the Second Part of the Special Course of Commercial Training for Ex-Service Students, £6 6s.

In the Ratan Tata Department of Social Science and Administration, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. These fees admit to all classes and lectures at the School. For the joint course with the Household and Social Science Department of King's College for Women the fee is thirty guineas if prepaid for the whole session; if paid terminally, £11 11s. for each term.

For the Course arranged for Health Visitors, thirty guineas if prepaid for the whole session; if paid terminally, £11 11s. for each term.

For the Course for Continuation School Teachers, £5 9s.

For the Special Evening Course in Welfare Work, if prepaid for the whole session, £10 10s.; if paid terminally, £4 4s. for each term. For those engaged in Welfare Supervision a reduced fee of £6 6s. for the session, or £12 12s. 6d. for the term will be charged.

Course Fees.

The fee for each separate course will be found set out in the general list of lectures and classes commencing at p. 14.

Common Room Subscription.—The Common Room and Lending Library Subscription is 2s. 6d. a term, or 5s. a session.

Lockers are provided at a rent of 1s. a term, or 2s. 6d. a session. A deposit of 2s. 6d. is required, to be given back when the key of the locker is returned.

A student renting a locker for one term only is required either to renew his subscription or to give up the key on or before the last day of term. Otherwise the deposit will be held to be forfeited.

TIME-TABLES OF LECTURES AND CLASSES—1919-20. SUMMER TERM.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 14 to 25	Date of beginning.
Monday:				
11.0 a.m.	Accounts of Traders and Companies	Mr. DE PAULA ..	155	26th April
11.0 ..	Application of Economic Principles to Social Questions ..	Prof. URWICK & Miss CHRISTIE ..	133	.. ..
11.0 ..	Social Institutions	Prof. WESTERMARCK ..	117	3rd May
12.0 noon	Accounts of Traders and Companies (Class)	Mr. DE PAULA ..	156	26th April
12.0 ..	Social Institutions (Class)	Prof. WESTERMARCK ..	118	3rd May
1.45 p.m.	Social Management	Prof. URWICK ..	129	26th April
2.30 ..	Markets	Prof. SARGENT ..	145	.. ..
3.30 ..	International Law (War)	Prof. PEARCE HIGGINS ..	71	.. ..
4.30 ..	International Law (Class)	Prof. PEARCE HIGGINS ..	71	.. ..
5.0 ..	Industrial Problems	Various Lecturers ..	127	.. ..
5.0 ..	Early Beliefs	Prof. WESTERMARCK ..	119	3rd May
6.0 ..	Advanced Mathematics	Mr. CURWEN ..	16	26th April
6.0 ..	Accounts of Traders and Companies	Mr. DE PAULA ..	155	.. ..
6.0 ..	Seminar	Prof. BOWLEY ..	17	3rd May
6.0 ..	Accounting, Part I. (Class)	Prof. DICKSEE ..	157	26th April
6.0 ..	Markets	Prof. SARGENT ..	145	.. ..
6.0 ..	Early Beliefs (Class)	Prof. WESTERMARCK ..	120	3rd May
6.0 ..	Logic (Class)	Dr. WOLF ..	20	26th April
6.0 ..	Geography of London	Miss RODWELL JONES ..	94	.. ..
6.0 ..	Commercial Law, Part II.	Mr. PAGE ..	63	.. ..
6.15 ..	Constitutional Law, Part I.	Dr. BELLOT ..	66	.. ..
7.0 ..	Accounts of Traders and Companies (Class)	Mr. DE PAULA ..	156	.. ..
7.0 ..	Accounting, Part I.	Prof. DICKSEE ..	157	.. ..
7.0 ..	Commercial Law (Class)	Mr. PAGE ..	63	.. ..
7.15 ..	Constitutional Law (Class)	Dr. BELLOT ..	66	.. ..
8.0 ..	Comparative Public Administration	Mr. GRIMSHAW ..	37A	.. ..
Tuesday:				
10.45 a.m.	Economic Position of the Great Powers	Dr. KNOWLES ..	51	27th April
11.0 ..	Geography	Major JONES & Miss RODWELL JONES ..	82	.. ..
11.0 ..	Social Institutions	Prof. WESTERMARCK ..	117	3rd May
12.0 noon	Statistics	Prof. BOWLEY ..	12	27th April
12.0 ..	Geography	Major JONES & Miss RODWELL JONES ..	82	.. ..
12.0 ..	Social Economics	Prof. URWICK & Miss CHRISTIE ..	132	.. ..
12.0 ..	Social Institutions (Class)	Prof. WESTERMARCK ..	118	3rd May
3.0 p.m.	Economic Theory (Advanced)	Prof. CANNAN ..	2	27th April
3.0 ..	Seminar	Prof. WESTERMARCK ..	121	4th May
5.0 ..	Economic Theory (Class)	Prof. CANNAN ..	3	27th April

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 14 to 25	Date of beginning.
<i>Tuesday—contd.</i>				
5.0 p.m.	The British Empire	Prof. GRAHAM WALLAS ..	36	27th April
6.0 ..	Mathematics	Mr. CURWEN ..	18	.. ..
6.0 ..	Economic Theory (Advanced) ..	Prof. CANNAN ..	2	.. ..
6.0 ..	First Principles of Economics ..	Mr. DALTON ..	5	.. ..
6.0 ..	The Stock Exchange	Prof. FOXWELL ..	168	.. ..
6.0 ..	Logic	Dr. WOLF ..	19	.. ..
6.0 ..	Tariffs	Mr. GREGORY ..	43	.. ..
7.0 ..	Mathematics	Mr. CURWEN ..	18	.. ..
7.0 ..	History of Currency and Banking	Prof. FOXWELL ..	170	.. ..
7.0 ..	Logic (Class)	Dr. WOLF ..	19	.. ..
7.15 ..	Political Ideas	Mr. DICKINSON ..	26	.. ..
<i>Wednesday :</i>				
10.45 a.m.	Economic History (First Year) ..	Dr. KNOWLES ..	55	28th April
10.45 ..	Industry	Mr. LLOYD ..	137	.. ..
12.0 noon	Local Government	Prof. GRAHAM WALLAS ..	41	.. ..
3.0 p.m.	Detailed Geography	Major JONES ..	85	.. ..
3.0 ..	Railways and Seaports of North America	Prof. SARGENT ..	88	19th May
5.0 ..	Trade Fluctuation	The DIRECTOR ..	9a	5th May
6.0 ..	Geography	Major JONES & Miss RODWELL JONES ..	82	28th April
6.0 ..	New Geography of Europe ..	Sir HALFORD MAC- KINDER ..	95	.. ..
6.0 ..	Economic Position of the Great Powers	Dr. KNOWLES ..	51	.. ..
6.15 ..	Business Organisation	Prof. DICKSEE ..	160	.. ..
7.0 ..	Geography	Major JONES & Miss RODWELL JONES ..	82	.. ..
7.15 ..	Commerce of the Great Powers	Mr. GREGORY ..	143	.. ..
<i>Thursday :</i>				
10.30 a.m.	Economic History (Second Year)	Dr. KNOWLES ..	56	29th April
11.0 ..	Mathematics	Mr. CURWEN ..	18	.. ..
11.0 ..	Logic	Dr. WOLF ..	19	.. ..
12.0 noon	Mathematics	Mr. CURWEN ..	18	.. ..
12.0 ..	Commerce of the Great Powers	Mr. GREGORY ..	143	.. ..
12.0 ..	Logic (Class)	Dr. WOLF ..	19	.. ..
2.30 p.m.	Local Government (Class) ..	Mr. GRIMSHAW ..	41	.. ..
2.30 ..	Statistical Method	Dr. BOWLEY ..	21	.. ..
2.30 ..	Elementary Mathematics	Mr. CURWEN ..	22	.. ..
3.30 ..	"	" ..	22	.. ..
3.30 ..	Statistical Method (Class) ..	Dr. BOWLEY ..	21	.. ..
5.0 ..	Psychology of Modern Society	Prof. GRAHAM WALLAS ..	27	.. ..
5.0 ..	Economic Position of Austria ..	The DIRECTOR ..	10	.. ..
5.30 ..	Treaty Making Authorities ..	Sir JOHN MACDONELL ..	74	10th June

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 14 to 25	Date of beginning.
<i>Thursday—contd.</i>				
6.0 p.m.	Statistics	Prof. BOWLEY ..	12	29th April
6.0 ..	Currency and Banking (Intro- ductory)	Prof. FOXWELL ..	165	.. ..
6.0 ..	Economic History (Second Year)	Dr. KNOWLES ..	56	.. ..
6.0 ..	Logic (Senior Course)	Dr. WOLF ..	13	.. ..
7.0 ..	Statistics (Advanced)	Prof. BOWLEY ..	14	.. ..
7.15 ..	Economic History (First Year) ..	Dr. KNOWLES ..	55	.. ..
7.15 ..	Local Government	Prof. GRAHAM WALLAS ..	41	.. ..
8.15 ..	Local Government (Class) ..	Mr. GRIMSHAW ..	41	.. ..
8.15 ..	Industry	Mr. LLOYD ..	137	.. ..
8.15 ..	Economic History (Class) ..	Mr. GRIMSHAW ..	55	6th May
<i>Friday :</i>				
11.0 a.m.	World History	Prof. HEARNshaw ..	50	30th April
11.0 ..	British Constitution	Mr. LEES SMITH ..	29	.. ..
12.0 noon	Elements of Economics	Prof. CANNAN ..	1	.. ..
12.0 ..	Class for the Study of Com- mercial Documents	Prof. SARGENT & Mr. GREGORY ..	147	.. ..
12.15 p.m.	Public Administration (Class) ..	Mr. LEES SMITH ..	37	.. ..
2.15 ..	Elements of Economics (Class)	Mr. DALTON ..	1	7th May
2.15 ..	Economic History (Class) ..	Mr. GRIMSHAW ..	55	30th April
3.0 ..	Map Class	Major JONES & Miss RODWELL JONES ..	83	.. ..
3.0 ..	Modern Historical Geography ..	Prof. SARGENT ..	92	.. ..
5.0 ..	Some Problems of Industry ..	Mr. DALTON ..	6	.. ..
5.0 ..	Federal Government	Prof. MORGAN ..	35	.. ..
5.0 ..	Economic Geography (Seminar)	Prof. SARGENT ..	90	.. ..
5.0 ..	Parliamentary Institutions ..	Mr. LEES SMITH ..	33	7th May
6.0 ..	Elements of Economics	Prof. CANNAN ..	1	30th April
6.0 ..	Accounting, Part II. (Class) ..	Mr. DE PAULA ..	158	.. ..
6.0 ..	Economic Theory (Class) ..	Mr. DALTON ..	3	.. ..
6.0 ..	Detailed Geography	Miss RODWELL JONES ..	86	.. ..
6.0 ..	Commercial Law, Part I. ..	Mr. PAGE ..	62	.. ..
6.15 ..	Constitutional Law, Part II. ..	Dr. BELLOT ..	68	.. ..
7.0 ..	Accounting, Part II.	Mr. DE PAULA ..	158	.. ..
7.0 ..	International Law (Peace) (Class)	Prof. PEARCE HIGGINS ..	72	.. ..
7.0 ..	Commercial Law (Class) ..	Mr. PAGE ..	62	.. ..
7.15 ..	World History	Prof. HEARNshaw ..	50	.. ..
7.15 ..	Constitutional Law (Class) ..	Dr. BELLOT ..	68	.. ..
7.15 ..	British Constitution	Mr. LEES SMITH ..	29	.. ..
8.0 ..	Foreign Banking	Mr. GREGORY ..	166	.. ..
8.0 ..	International Law (Peace) ..	Prof. PEARCE HIGGINS ..	72	.. ..
8.15 ..	Elements of Economics (Class) ..	Mr. DALTON ..	1	7th May
<i>Saturday :</i>				
11.0 a.m.	Map Class	Major JONES & Miss RODWELL JONES ..	84	1st May

GENERAL ARRANGEMENTS FOR THE SUMMER TERM, SESSION 1919-20.

Summer Term, Monday, 26th April, to Monday, 28th June, 1920, nine weeks.

The School will be closed on Whit-Monday, 24th May.

NOTE.—The courses are numbered as in the Calendar, to which students are referred for further particulars.

A.—ECONOMICS, INCLUDING STATISTICS.

(See page 32 of the School Calendar.)

1. The Elements of Economics, nine lectures in continuation of the course begun in Michaelmas Term, by Professor CANNAN, on Fridays, at 12 noon, beginning 30th April.

In connection with this course Mr. DALTON will hold a class on alternate Fridays, at 2.15 p.m., beginning 7th May.

Fee, £1 1s.; for lectures only, 12s. 6d.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

The class for evening students taken by Mr. DALTON in connection with this course will meet on alternate Fridays, at 8.15 p.m., beginning 7th May.

2. Principles of Economics, including the History of Economic Theory, nine lectures in continuation of the course begun in Michaelmas Term, by Professor CANNAN, on Tuesdays at 3 p.m., beginning 27th April. Fee, 12s. 6d.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

3. Economic Theory. Special Classes will be held by Professor CANNAN on Tuesdays, at 5 p.m., beginning 27th April; and by Mr. DALTON, on Fridays at 6 p.m., beginning 30th April; These classes are intended only for students who have passed the Intermediate Examination, and are proceeding to the Final Honours Examination for the degree of B.Sc. (Econ.); Professor CANNAN'S class will be open only to (a) students taking the examination in October, 1920, (b) those taking Economics as their special subject in 1921. Fee, 12s. 6d.

4. Economic Theory. Seminar for the supervision of theses for research degrees, by Professor CANNAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

5. First Principles of Economics, nine lectures in continuation of the course begun in Michaelmas Term, by Mr. DALTON, on Tuesdays, at 6 p.m., beginning 27th April. Fee, 12s. 6d.

6. Some Problems of Industry, nine lectures in continuation of the course begun in Michaelmas Term, by Mr. DALTON, on Fridays, at 5 p.m., beginning 30th April. Fee, 12s. 6d.

9a. Trade Fluctuation and its Causes, a course of four lectures by the DIRECTOR (Sir William H. Beveridge, K.C.B.), on Wednesdays, at 5 p.m., on the following dates:—5th, 12th, and 26th May, and 2nd June. Fee for the course, 7s. 6d.

Course of Trade Fluctuation. A complex result of many causes. *Syllabus.* The Meteorological Factor. Sunspot Theories, British Exports and the barometer. Periodic fluctuation of harvests shown in food prices Famines, past and future, a fifteen-year period. The Financial Factor. Credit Cycles and the Bank rate. The possibility of preventing crises. Over-investment and over-production. The Industrial Factor. The "period of gestation." The period of renewal. Super-cyclical fluctuation of the Building Trade. The many headedness of industry and the case for monopoly control.

10. The Economic Position of Austria in 1919. Seminar by the DIRECTOR, on Thursdays, at 5 p.m., beginning 29th April. Admission to the Seminar will be exclusively by permission of the DIRECTOR, and, subject to this, will be open to students paying either the Composition Fee or the Research Fee.

12. Methods and Applications of Statistics, nine lectures in continuation of the course begun in Michaelmas Term, by Professor BOWLEY, on Tuesdays, at 12 noon, beginning 27th April. Fee, 12s. 6d. The above course of lectures will be repeated on Thursdays, at 6 p.m., beginning 29th April, for evening students.

13. Logic and Scientific Method (senior course), nine lectures in continuation of the course begun in Lent Term by Dr. WOLF, on Thursdays, at 6 p.m., beginning 29th April. Fee, 12s. 6d.

These lectures are intended for B.Sc. (Econ.) Pass candidates who took Logic in the intermediate examination. They are the continuation of the course begun by Professor Bowley, No. 12 above, lectures 1—15.

14. Methods and Applications of Statistics (Advanced), nine lectures in continuation of the course begun in Michaelmas Term, by Professor BOWLEY, on Thursdays, at 7 p.m., beginning 29th April. Fee, 12s. 6d.

16. Advanced Mathematics, nine lectures in continuation of the course begun in Michaelmas Term, by Mr. CURWEN, on Mondays at 6 p.m., beginning 26th April. Fee, 12s. 6d.

This course is suitable for advanced students of Statistics and Mathematical Economics. Knowledge of the subjects of the Intermediate Science (Econ.) syllabus is assumed.

17. The Progress of the Standard of Living: 1860-1913. Seminar by Professor BOWLEY in continuation of the meetings in Michaelmas Term, on alternate Mondays, at 6 p.m., beginning 3rd

May. Admission to the Seminar will be exclusively by permission of Professor BOWLEY, and, subject to this, will be open to students paying either the Composition Fee or the Research Fee.

PREPARATORY LECTURES,

leading up to the study either of Statistical Method or of Scientific Method generally.

18. **Mathematics Preparatory to Statistics**, the continuation of the course begun in Michaelmas Term, by Mr. CURWEN, on Thursdays, from 11 a.m. to 1 p.m., beginning 29th April. Fee, £1 1s.

The above course will be given also on Tuesdays, from 6 to 8 p.m., beginning 27th April, for evening students.

19. **Logic and Scientific Method**, nine lectures, in continuation of the course begun in Michaelmas Term, by Dr. WOLF, on Thursdays, at 11 a.m., beginning 29th April.

In connection with this course the lecturer will hold a class on Thursdays, at 12 noon.

Fee, £1 1s.; for lectures only, 12s. 6d.

The above course will be given also on Tuesdays, at 6 p.m., beginning 27th April, for evening students.

The class for evening students in connection with this course will meet on Tuesdays, at 7 p.m.

20. **Logic and Scientific Method (Class)**. Dr. WOLF will hold a special class on Mondays, at 6 p.m., beginning 26th April, for students proceeding to the Intermediate Examination in the Faculty of Economics and Political Science.

21. **Statistical Method**, nine lectures, in continuation of the course begun in Lent Term by Professor BOWLEY, on Thursdays, at 2.30 p.m., beginning 29th April. Each lecture will be followed by a class. Fee, £1 1s.; for lectures only, 12s. 6d.

Syllabus Elementary methods of statistics as applied to the records of industry, trade, prices, population, etc., especially of Foreign Countries.

Admission to this course will be exclusively by permission of Professor BOWLEY.

22. **Elementary Mathematics (Special Class)**, a course of nine lectures, by Mr. CURWEN, on Thursdays, from 2.30 to 4.30 p.m., beginning 29th April. Admission to the class will be exclusively by permission of Mr. Curwen. Fee, £1 1s.

B.—POLITICS AND PUBLIC ADMINISTRATION.

(See page 38 of the School Calendar.)

26. **The History of Political Ideas in connection with the History of Europe and the United States**, nine lectures in continuation of the course begun in Lent Term, by Mr. DICKINSON, on Tuesdays, at 7.15 p.m., beginning 27th April. Fee, 12s. 6d.

27. **The Psychology of Modern Society**, nine lectures in continuation of the course begun in Lent Term, by Professor GRAHAM WALLAS, on Thursdays, at 5 p.m., beginning 29th April. Fee, 12s. 6d.

28. **Political Science**. Seminar by Professor GRAHAM WALLAS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

29. **The British Constitution**, nine lectures in continuation of the course begun in Michaelmas Term, by Mr. LEES SMITH, on Fridays, at 11 a.m., beginning 30th April. Fee, 12s. 6d.

The above course of lectures will be repeated at 7.15 p.m. on the same day for evening students.

31. **The Central Government of the United Kingdom**, a course of thirty lectures by Mr. LEES SMITH, in the session 1920-21.

33. **The Future of Parliamentary Institutions**, a course of five lectures by Mr. LEES SMITH, on Fridays, at 5 p.m., beginning 7th May. Fee, 7s. 6d.

35. **Federal Government**, a course of six lectures by Dr BELLOT, on Fridays, at 5 p.m., beginning 30th April. Fee, 10s. 6d.

36. **The British Empire**, a course of eight lectures by Professor GRAHAM WALLAS, on Tuesdays, at 5 p.m., beginning 27th April. Fee, 12s. 6d.

37. **Public Administration, with reference to the Central and Local Government of Great Britain (Class)**. Mr. LEES SMITH holds a special class on Fridays, at 12.15 p.m., for students proceeding to the Final Examination for the degree of B.Sc. (Econ.) and other advanced students. The class will meet again on 30th April. Admission to the class will be exclusively by permission of Mr. LEES SMITH. Fee, 12s. 6d.

37a. **Comparative Public Administration**: nine lectures in continuation of the course begun in Lent Term, by Mr. GRIMSHAW, on the Machinery of Government, on Mondays, at 8 p.m., beginning 26th April. Fee, 12s. 6d.

38. **Public Administration**. Seminar for the supervision of theses for research degrees, by Mr. LEES SMITH. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

39. Professor SIDNEY WEBB will also meet research students from time to time by arrangement.

41. **Public Administration, with special reference to the Local Government of Great Britain**, nine lectures in continuation of the course begun in Michaelmas Term, by Professor GRAHAM WALLAS, on Wednesdays, at 12 noon, beginning 28th April.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Thursdays, at 2.30 p.m., beginning 29th April.

Fee, £1 1s.; for lectures only, 12s. 6d.

The above course of lectures will be repeated on Thursdays, at 7.15 p.m., beginning 29th April, for evening students.

The class for evening students taken by Mr. GRIMSHAW in connection with this course will meet on alternate Thursdays, at 8.15 p.m., beginning 29th April.

43. Tariffs and Tariff Administration, a course of nine lectures by Mr. GREGORY, on Tuesdays, at 6 p.m., beginning 27th April. Fee, 12s. 6d.

C.—HISTORY.

(See page 43 of the School Calendar.)

The Department of Palæography and Diplomatic has been transferred to King's College. Students of the London School of Economics and Political Science continuing their work under Mr. Hall will do so at King's College under the inter-collegiate system.

50. (e) The 19th Century and After, a course of nine lectures by Professor HEARNshaw, on Fridays, at 11 a.m., beginning 30th April. Fee, 12s. 6d.

The above course of lectures will be repeated at 7.15 p.m. on the same day for evening students.

51. The Economic Position of the Great Powers (Russia and the United States), nine lectures in continuation of the course begun in Michaelmas Term, by Dr. KNOWLES, on Tuesdays, at 10.45 a.m., beginning 27th April. Fee, 12s. 6d.

The above course of lectures will be repeated on Wednesdays, at 6 p.m., beginning 28th April, for evening students.

52. The Political Position of the Great Powers, including the United States, a course of thirty lectures in the session 1920-21.

55. Economic History: Economic Reform in the Nineteenth Century, nine lectures in continuation of the general course on Industrial History begun in Michaelmas Term, by Dr. KNOWLES, on Wednesdays, at 10.45 a.m., beginning 28th April.

Fee, £1 1s.; for lectures only, 12s. 6d.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Fridays, at 2.15 p.m., beginning 30th April.

The above course of lectures will be repeated on Thursdays, at 7.15 p.m., beginning 29th April, for evening students.

The class for evening students taken by Mr. GRIMSHAW in connection with this course will meet on alternate Thursdays, at 8.15 p.m., beginning 6th May.

56. The Growth of English Commerce and Colonisation, with special reference to the period after 1846, nine lectures in continuation of the course begun in Michaelmas Term, by Dr. KNOWLES, on Thursdays, at 10.30 a.m., beginning 29th April. Fee, 12s. 6d.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

57. Economic History: English Economic Development between 1485 and 1760, a course of thirty lectures by Dr. KNOWLES, in the session 1920-21.

58. Economic History. Seminar by Dr. KNOWLES for the supervision of theses for research degrees. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

D.—LAW.

(See page 48 of the School Calendar.)

62 (d). Sale of Goods, a course of five lectures, by Mr. PAGE on Fridays, at 6 p.m., beginning 30th April. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

62 (e). Agency, a course of four lectures, by Mr. PAGE, on Fridays, at 6 p.m., beginning 4th June. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

Fee for lectures and class throughout the term, £1 1s., for lectures only, 12s. 6d.

63 (j). Company Law, a course of five lectures by Mr. PAGE, on Mondays at 6 p.m., beginning 26th April. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

63 (k). The Law of Partnership, a course of four lectures by Mr. PAGE, on Mondays, at 6 p.m., beginning 7th June. Each lecture will be followed by a class. Fee, 12s. 6d.; for lectures only, 7s. 6d.

Fee for lectures and class throughout the term, £1 1s.; for lectures only, 12s. 6d.

66. Constitutional Law and its History.—Part I., nine lectures in continuation of the course begun in Michaelmas Term by Dr. BELLOT, on Mondays, at 6.15 p.m., beginning 26th April.

In connection with these lectures a class will be held at 7.15 p.m.

Fee, £1 1s.; for lectures only, 12s. 6d.

67. Constitutional Law (Class).—Dr. BELLOT will hold a special class for students in the Faculty of Laws for the discussion of cases and statutes and the interpretation of mediæval documents.

68. Constitutional Law and its History.—Part II., nine lectures in continuation of the course begun in Michaelmas Term by Dr. BELLOT, on Fridays, at 6.15 p.m. beginning 30th April.

In connection with these lectures a class will be held at 7.15 p.m.

Fee, £1 1s.; for lectures only, 12s. 6d.

Advanced students who are interested in comparative constitutional law are invited to consult the lecturer as to the choice of French and German authorities. Dr. BELLOT will be glad to see students desiring to consult him, at the School, on Fridays between 5.30 and 6 p.m. during term, by appointment.

70. Constitutional Law and its History. Seminar by Dr. BELLOT. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

71. The Law of Nations Concerning Neutrality, nine lectures in continuation of the course on International Law (War and Neutrality), begun in Michaelmas Term, by Professor PEARCE HIGGINS, on Mondays at 3.30 p.m., beginning 26th April.

In connection with this course Professor PEARCE HIGGINS will hold a class on Mondays at 4.30 p.m.

Fee, £1 1s.; for lectures only, 12s. 6d.

72. Diplomatic Agents, their Privileges and Duties, nine lectures in continuation of the course on International Law (Peace), begun in Michaelmas Term, by Professor PEARCE HIGGINS, on Fridays, at 8 p.m., beginning 30th April.

In connection with this course Professor PEARCE HIGGINS will hold a class on Fridays, at 7 p.m.

Fee, £1 1s.; for lectures only, 12s. 6d.

73. International Law. Seminar by Professor PEARCE HIGGINS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

74. Treaty Making Authorities, a course of three lectures by Professor SIR JOHN MACDONELL, on Thursdays, at 5.30 p.m., beginning 10th June. Open to the public without fee.

These lectures are given at the London School of Economics and Political Science with the approval of the Senate and by arrangement with the Council of University College.

E.—GEOGRAPHY.

(See page 56 of the School Calendar).

82. Geography, the continuation of the course for the Intermediate Examination, begun in Michaelmas Term, by Major JONES and Miss RODWELL JONES, on Tuesdays, from 11 a.m. to 1 p.m., beginning 27th April. Fee, £1 1s.

The above course will be repeated on Wednesdays, from 6 to 8 p.m., beginning 28th April, for evening students.

83. A Map Class in Geography meets under the direction Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Fridays, at 3 p.m. It will reassemble on 30th April. Fee, £1 11s. 6d.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of 12s. 6d.

84. A Map Class in Geography meets under the direction of Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Saturdays, at 11 a.m. It will reassemble on 1st May. Fee, £1 11s. 6d.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of 12s. 6d.

85. A Class in Detailed Geography meets under the direction of Major JONES on Wednesdays, at 3 p.m. It will reassemble on 28th April. Fee, £1 11s. 6d.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of 12s. 6d.

86. A Class in Detailed Geography meets under the direction of Miss RODWELL JONES, on Fridays at 6 p.m. It will reassemble on 30th April. Fee, £1 11s. 6d.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of 12s. 6d.

In connection with the above courses Sir HALFORD MACKINDER and Professor SARGENT will lecture occasionally and give short courses of lectures. See for instance No. 88.

88. The Railways and Seaports of North America, a course of three lectures by Professor SARGENT, on Wednesdays, at 3 p.m., beginning 19th May. Fee, 5s.

89. Geography (Seminar). Sir HALFORD MACKINDER will meet candidates for Research Degrees from time to time by arrangement.

Open to students paying either the Composition Fee or the Research Fee.

90. Economic Geography. A Seminar under the direction of Professor SARGENT meets on Fridays, at 5 p.m. It will reassemble on 30th April.

Open to students paying either the Composition Fee or the Research Fee.

92. Modern Historical Geography of North America, a course of eight lectures by Professor SARGENT, on Fridays, at 3 p.m., beginning 30th April. Fee, 12s. 6d.

94. **The Geography of London**, a course of four lectures by Miss RODWELL JONES, on Mondays, at 6 p.m., beginning 26th April. Fee, 7s. 6d.

The lectures will be illustrated by lantern slides.

95. **The New Geography of Europe**, a course of six lectures by Sir HALFORD J. MACKINDER, M.P., on Wednesdays, at 6 p.m., beginning 28th April. Fee, 10s. 6d.

Candidates for the Academic Diploma in Geography are reminded that attendance at both the following courses at University College is compulsory during the Summer Term:—

i. **The Physical Basis of Geography**, the continuation of the course begun in Michaelmas Term by Professor GARWOOD, on Thursdays, from 5.15—7.15 p.m., beginning 29th April. Terminal Fee, £2 12s. 6d.

ii. **Instruments and Maps**, practical work (two hours a week), the continuation of the course begun in Lent Term by MR. ORMSBY. The days and hours will be arranged at the first meeting on 3rd May, at 5.30 p.m. Fee, £2 2s.

For particulars of the Certificate of the School and the Academic Diploma of the University in Geography, see pp. 88 and 90 of the School Calendar.

G.—SOCIOLOGY.

(See page 62 of the School Calendar.)

117. **Social Institutions**, a course of fourteen lectures by Professor WESTERMARCK, on Mondays and Tuesdays, at 11 a.m., beginning Monday, 3rd May. Fee, £1 11s. 6d.

118. **Class** by Professor WESTERMARCK after each lecture. Free to students attending the above lectures.

119. **Early Beliefs and their Influence on Social Relationships and Institutions**, a course of seven lectures by Professor WESTERMARCK, on Mondays, at 5 p.m., beginning 3rd May. Fee, £1 1s.

120. **Class** by Professor WESTERMARCK after each lecture. Free to students attending the above lectures.

121. **Sociology**. Seminar by Professor WESTERMARCK for advanced students on Tuesdays at times to be arranged. The first meeting will be at 3 p.m., on Tuesday, 4th May.

Open to students paying either the Composition Fee or the Research Fee.

H.—SOCIAL SCIENCE AND ADMINISTRATION. THE RATAN TATA DEPARTMENT, UNIVERSITY OF LONDON.

(See page 64 of the School Calendar.)

127. **Industrial Problems**, a composite course of nine lectures, by various lecturers, on Mondays, at 5 p.m., beginning 26th April. Fee for the course, 12s. 6d.; for separate lectures, 2s. 6d.

Mon., 5 p.m., 26th April } "Trade Unions, Their Use and
and 3rd May. } Development." Mr. J. J. MALLON.

Mon., 5 p.m., 10th May. "Trade Unions for Women." Dr. MARION PHILLIPS.

Mon., 5 p.m., 17th May. "Labour from an Employer's Point of View." Mr. ERNEST D. SIMON.

Mon., 5 p.m., 31st May } "Trade Unions, Their Present Posi-
and 7th June. } tion and Future Difficulties." Mr. MALLON.

Mon., 5 p.m., 14th and } "State Regulation of Industry." Miss CONSTANCE
21st June. } SMITH.

Mon., 5 p.m., 28th June. "Minimum Wage Legislation." Mr. G. T. REID.

129. **A Historical and Critical Account of Some Principles of Social Management**, nine lectures in continuation of the course begun Lent Term by Professor URWICK, on Mondays, at 1.45 p.m., beginning 27th April. Fee, 12s. 6d.

Admission to the course will be exclusively by permission of Professor URWICK.

132. **Social Economics**, nine lectures in continuation of the course begun in Michaelmas Term, by Professor URWICK and Miss CHRISTIE, on Tuesdays, at 12 noon, beginning 27th April. Fee, 12s. 6d.

133. **The Application of Economic Principles to Social Questions**, a course of nine lectures by Professor URWICK and Miss CHRISTIE, on Mondays, at 11 a.m., beginning 26th April. Fee, 12s. 6d.

137. **Industry, the State and the Public**, nine lectures in continuation of the course begun in Michaelmas Term, by Mr. LLOYD, on Wednesdays at 10.45 a.m., beginning 28th April. Fee, 12s. 6d.

The above course of lectures will be repeated on Thursdays at 8.15 p.m. beginning 29th April, for evening students.

These lectures are also a continuation of the course on Social History, given by Mr. TAWNEY in the Michaelmas and Lent Terms.

J.—COMMERCE AND INDUSTRY.

(See page 67 of the School Calendar.)

(See also No. 6.)

143. **The Commerce and Commercial Problems of the Great Powers**, nine lectures in continuation of the course begun in Michaelmas Term, by Mr. GREGORY, on Thursdays, at 12 noon, beginning 29th April. Fee, 12s. 6d.

The above course of lectures will be given also on Wednesdays, at 7.15 p.m., beginning 28th April, for evening students.

145. Markets and Market Organisation, Economic and Geographical, nine lectures in continuation of the course begun in Lent Term by Professor SARGENT, on Mondays, at 2.30 p.m. beginning 26th April. Fee, 12s. 6d.

In connection with this course a class for discussion may be held if sufficient students enter.

Fee for lectures and class, £1 1s.

The above course of lectures will be given also at 6 p.m. on the same day for evening students.

147. A Class for the Study of Commercial Documents will meet under the direction of Professor SARGENT and Mr. GREGORY, on Fridays, at 12 noon, beginning 30th April. Fee, 12s. 6d.

148. Foreign Trade (Class). Professor SARGENT will hold a special class for candidates for the Certificate in Commerce. Admission will be exclusively by permission of Professor SARGENT. Times to be arranged with students. Fee, 12s. 6d.

149. Foreign Trade. Seminar for the supervision of theses for research degrees, by Professor SARGENT. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

K.—ACCOUNTING AND BUSINESS METHODS.

(See page 71 of the School Calendar.)

155. Accounts of Traders and Companies, nine lectures in continuation of the course begun in Michaelmas Term, by Mr. DE PAULA, on Mondays, at 11 a.m., beginning 26th April. Fee, £1 1s.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

156. Class. In connection with the above course a class will be held morning and evening immediately after each lecture. Free to students attending the lectures.

157. Accounting and Business Methods (Part I.), nine lectures in continuation of the course begun in Michaelmas Term, by Professor DICKSEE on Mondays, at 7 p.m., beginning 26th April.

In connection with this course a class will be held on Mondays, at 6 p.m., beginning 26th April.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, £1 1s.; for lectures only, 12s. 6d.

158. Accounting and Business Methods (Part II.), nine lectures in continuation of the course begun in Michaelmas Term, by Mr. DE PAULA, on Fridays, at 7 p.m., beginning 30th April.

In connection with this course a class will be held on Fridays, at 6 p.m., beginning 30th April.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, £1 1s.; for lectures only, 12s. 6d.

160. Business Organisation, nine lectures in continuation of the course begun in Lent Term, by Professor DICKSEE, on Wednesdays, at 6.15 p.m., beginning 28th April. Fee, 12s. 6d.

L.—BANKING.

(See page 74 of the School Calendar.)

Other lectures of interest to students of Banking are:—Nos. 62 (d, e), 63(j), 157 and 158.

165. Currency, Banking, and the Money Market, an elementary course of nine lectures by Professor FOXWELL, on Thursdays, at 6 p.m., beginning 29th April. Fee, 12s. 6d.

166. Foreign Banking, a course of eight lectures by Mr. GREGORY, on Fridays, at 8 p.m., beginning 30th April. Fee, 12s. 6d.

168. The Stock Exchange, Speculative Markets, and other Subjects connected with Banking, a course of nine lectures by Professor FOXWELL, on Tuesdays, at 6 p.m., beginning 27th April. Fee, 12s. 6d.

170. The History of Currency and Banking, with special reference to England, nine lectures in continuation of the course begun in Michaelmas Term, by Professor FOXWELL, on Tuesdays, at 7 p.m., beginning 27th April. Fee, 12s. 6d.

171. Banking and Currency. Seminar by Professor FOXWELL. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

SCHOLARSHIPS AND PRIZES.

SCHOOL. The Hutchinson Silver Medal is awarded annually to a student of the School for excellence of work done in research.

The Gladstone Memorial Prize.—The Trustees of the Gladstone Liberal Memorial Trust have established a prize of Five Pounds to be given annually in books to the student of the London School of Economics and Political Science who at the School's Special Internal Intermediate Examination for the degree of B.Sc. in the Faculty of Economics and Political Science shall have obtained the best aggregate marks for the papers in Economics and the British Constitution.

In 1919 awarded to FRANCIS HARRY OSTIME.

The Brunel Silver Medal is awarded to students in the Railway Department who in not more than four years have been placed three times in the first class in the examination lists in different subjects.

***The Gerstenberg Scholarship** of £50 tenable for one year, open, without limit of age, to candidates who have passed the intermediate examination in this or the previous year.

In 1919 awarded to MARY ALICE KOCH DAVIES (London School of Economics and Political Science).

One Mitchell Studentship of £100, awarded without examination, to enable the student possessing the necessary City qualifications † to study and investigate some definite feature of business or industrial organisation, at home or abroad.

Four Mitchell Scholarships, awarded annually by the Mitchell City of London Charity, viz.: two of £25, and two of £20 a year, tenable for four years.

Two St. Dunstan's Exhibitions for women, of £60 a year, tenable for three years.

Two Loch Exhibitions of the value of £24 will be awarded annually by the Ratan Tata Benefaction Committee, subject to the approval of the University.

The Exhibitions will be awarded in the first instance for a period of one year, but the tenure may be extended to a second year by the University on the recommendation of the Committee.

Applications for the Exhibitions, accompanied by the names of three references and the evidence required under the terms of the Regulations, must reach the Head of the Department not later than 15th May. Testimonials are not required.

* Awarded on the results of the Scholarships examination in July. Entry closes on 1st June.

† See the School Calendar, 1914-15, pp. 281-2.

Candidates must produce evidence that they will have attained the age of 19 years on the first of October in the year of the award, and must satisfy the Committee as to their need of financial assistance to follow the course of study prescribed.

Holders of the Exhibitions must pursue the ordinary course of study (known as the Certificate course) in the Ratan Tata Department of Social Science and Administration at the London School of Economics and Political Science; and if a further year's tenure is granted, a further course in the same department.

Instalments of the emoluments of the Exhibitions will be paid terminally on receipt of satisfactory reports as to the progress of the holder.

In 1919 awarded to ANNIE CHRISTINE GURNEY,
MINNIE LOUISE HASKINS,
JOCELYN SOPHIA HYSLOP,
FLORENCE KERMAN.

The Gladstone Memorial Prize.—The Trustees of the Gladstone Liberal Memorial Trust offer an annual prize of books to the value of £10 for proficiency in History, Political Science, and Economics, to be awarded on the result of the Final Examination for the degree of B.Sc. (Econ.).

See the School Calendar for full particulars of:—

- (a) Certificates awarded by the School in:—
 - (1) Geography and the Teaching of Geography.
 - (2) Commerce.
 - (3) Social Science and Administration.
- (b) Academic Diplomas awarded by the University in:—
 - (1) Geography.
 - (2) Sociology and Social Administration.
- (c) Studentships and Scholarships offered by the School and the University.
- (d) Syllabuses and full information as to the different courses at the School.

To the SECRETARY,
The London School of Economics and Political Science,
Clare Market,
Kingsway, London, W.C.2.

M _____ would
be much obliged if the Secretary would forward to
^{him}_{her} a copy of the Abridged Calendar of the London
School of Economics and Political Science for the
Session 1919-20, giving detailed syllabuses of the Courses
of Lectures and information as to Prizes, Scholarships,
Certificates and Diplomas offered by the School and
the University.

Enclosed will be found stamps for 8½d.

The Calendar to
be addressed to

(Date) _____

The London School
of
Economics and Political Science
(University of London)

Clare Market, Portugal St., Kingsway, W.C.2

TELEPHONE: CENTRAL 6361.
TELEGRAMS: "POLECONICS, ESTRAND, LONDON."

Session 1919-1920

Time-Table

*of the Course of Study approved by the University of
London for Students in the Faculty of Economics and
Political Science preparing for the*

Degree of B.Sc.

FIRST YEAR (INTERMEDIATE).—DAY.
TIME-TABLE.

Beginning Thursday, 2nd October.

This course covers all the ground prescribed for the Intermediate Examination. The only choice offered is between Logic and Mathematics.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
<i>Tuesday :</i>			
11.0 a.m.—1.0 p.m.	Geography	Major JONES and Miss RODWELL JONES	82
<i>Wednesday :</i>			
10.45 a.m.	Economic History	Dr. KNOWLES	55
12.0 noon	M.T. Local Government	Mr. LEES SMITH	40
12.0 ..	L.T. Foreign Trade	Mr. GREGORY	141
<i>Thursday :</i>			
11.0 a.m.—1.0 p.m.	Mathematics	Prof. BOWLEY	18
or 11.0 .. —1.0 ..	Logic	Dr. WOLF ..	19
6.0 p.m.	S.T. Currency and Banking ..	Prof. FOXWELL	165
<i>Friday :</i>			
11.0 a.m.	Central Government ..	Mr. LEES SMITH	29
12.0 noon	Economic Theory	Prof. CANNAN	1
2.30 p.m.	Economic History (Class) ..	Mr. GRIMSHAW	55
	<i>Alternating with</i>		
2.30 ..	Economic Theory (Class) ..	Mr. DALTON	1

FIRST YEAR (INTERMEDIATE).—EVENING.
TIME-TABLE.

Beginning Thursday, 2nd October.

This course covers all the ground prescribed for the Intermediate Examination. The only choice offered is between Logic and Mathematics.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
<i>Tuesday :</i>			
6—8 p.m.	Mathematics	Prof. BOWLEY	18
or 6—8 ..	Logic	Dr. WOLF ..	19
<i>Wednesday :</i>			
6—8 p.m.	Geography	Major JONES and Miss RODWELL JONES	82
<i>Thursday :</i>			
6.0 p.m.	M.T. Local Government ..	Mr. LEES SMITH ..	40
6.0 ..	L.T. Foreign Trade	Mr. GREGORY ..	141
6.0 ..	S.T. Currency and Banking ..	Prof. FOXWELL ..	165
7.15 ..	Economic History	Dr. KNOWLES ..	55
8.15 ..	Do. (Class)	Mr. GRIMSHAW ..	55
<i>Friday :</i>			
6.0 p.m.	Economic Theory	Prof. CANNAN ..	1
7.15 ..	Central Government ..	Mr. LEES SMITH ..	29
8.15 ..	Economic Theory (Class) ..	Mr. DALTON ..	1

SECOND YEAR (PASS) FINAL.—DAY.
TIME-TABLE.

Beginning Thursday, 2nd October.

The lectures in this time-table are classified as follows:—

Economics:—Principles of Economics; Economic History; Banking and Currency.

Public Administration:—Local Government; Public Finance.

History:—Economic Position of the Great Powers; Commerce of the Great Powers.

Monday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
Optional Subject:—			
3.30—5.30 p.m.	<i>International Law</i>	Prof. PEARCE HIGGINS	71

See also Evening Time Table at p. 6.

Tuesday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
Optional Subject:—History.			
10.45 a.m.	<i>Economic Position of the Great Powers</i>	Dr. KNOWLES	51
12.0 noon	M. and L.T. Banking and Currency	Prof. FOXWELL	167
3.0 p.m.	[Principles of Economics	Prof. CANNAN	2

Wednesday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
10.30 a.m.	M.T. Public Finance	Mr. DALTON	44
12.0 noon	Local Government	Prof. GRAHAM WALLAS	41

Thursday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
10.30 a.m.	Economic History	Dr. KNOWLES	56
Optional Subject:—History.			
12.0 noon	<i>Commerce of the Great Powers</i>	Mr. GREGORY	143
2.30 p.m.	Local Government (Class)	Mr. GRIMSHAW	41

Optional Subjects:—

See Evening Time Table at p. 6.

THIRD YEAR (PASS) FINAL.—DAY.
TIME-TABLE.

Beginning Thursday, 2nd October.

The lectures in this time-table are classified as follows:—

Economics:—Principles of Economics; Banking and Currency; Statistics.

Public Administration:—Local Government; Public Finance.

History:—Economic Position of the Great Powers; Commerce of the Great Powers.

Monday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
Optional Subject:—			
3.30—5.30 p.m.	<i>International Law</i>	Prof. PEARCE HIGGINS	71

See also Evening Time Table at p. 7.

Tuesday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
Optional Subject:—History.			
10.45 a.m.	<i>Economic Position of the Great Powers</i>	Dr. KNOWLES	51
*12.0 noon	M. and L.T. Methods of Statistics (first 15 lectures)	Prof. BOWLEY	12
†12.0 ..	and L. and S.T. Methods of Statistics (remainder of course)	Prof. BOWLEY	12
3.0 p.m.	Principles of Economics	Prof. CANNAN	2

Wednesday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
10.30 a.m.	M.T. Public Finance	Mr. DALTON	44
12.0 noon	Local Government	Prof. GRAHAM WALLAS	41

Optional Subject:—

6.15 p.m.	L. and S.T. <i>Business Organisation</i>	Prof. DICKSEE	160
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Thursday :	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
Optional Subject:—			
12.0 noon	<i>Commerce of the Great Powers</i>	Mr. GREGORY	143
2.30 p.m.	Local Government (Class)	Mr. GRIMSHAW	41
†6.0 ..	L. and S.T. Logic and Scientific Method	Dr. WOLF	13

Optional Subjects:—

See Evening Time Table at p. 7.

* For all students proceeding to the Final Pass Examination.

† For students who took Mathematics at the Intermediate Examination.

‡ For students who took Logic at the Intermediate Examination.

SECOND YEAR (PASS) FINAL.—EVENING.
TIME-TABLE.

Beginning Thursday, 2nd October.

The lectures in this time-table are classified as follows:—

Economics:—Principles of Economics; Economic History; Banking and Currency.

Public Administration:—Local Government; Public Finance; History of Political Ideas.

History:—Economic Position of the Great Powers. Commerce of the Great Powers.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
<i>Monday:</i>			
Optional Subjects:—			
6.0 p.m.	(a) <i>Accounting and Business Methods</i>	Prof. DICKSEE and Col. DE PAULA	157
6.15 ..	(c) <i>Constitutional Law</i> ..	Prof. MORGAN	66
7.0 ..	(a) <i>Accounting and Business Methods</i> ..	Prof. DICKSEE and Col. DE PAULA	157
7.15 ..	(c) <i>Constitutional Law</i> ..	Prof. MORGAN	66
<i>Tuesday:</i>			
6.0 p.m.	Principles of Economics ..	Prof. CANNAN	2
7.15 ..	M.T. Public Finance	Mr. DALTON	44
7.15 ..	L. and S.T. History of Political Ideas	Mr. DICKINSON	26
<i>Wednesday:</i>			
Optional Subject:—History.			
6.0 p.m.	<i>Economic Position of the Great Powers</i>	Dr. KNOWLES	51
7.15 ..	<i>Commerce of the Great Powers</i>	Mr. GREGORY	143
<i>Thursday:</i>			
6.0 p.m.	Economic History	Dr. KNOWLES	56
7.15 ..	Local Government	Prof. GRAHAM WALLAS	41
8.15 ..	Local Government (Class)	Mr. GRIMSHAW	41
<i>Friday:</i>			
Optional Subjects:—			
6.30 p.m.	(b) <i>Commercial Law</i> ..	Mr. LE QUESNE	62
7.0 ..	(d) <i>International Law</i> ..	Prof. PEARCE HIGGINS	72
7.30 ..	(b) <i>Commercial Law</i> ..	Mr. LE QUESNE	62
8.0 ..	(d) <i>International Law</i> ..	Prof. PEARCE HIGGINS	72

THIRD YEAR (PASS) FINAL.—EVENING.
TIME-TABLE.

Beginning Thursday, 2nd October.

The lectures in this time-table are classified as follows:—

Economics:—Principles of Economics; Banking and Currency; Statistics.

Public Administration:—Central Government; Public Finance; History of Political Ideas.

History:—Economic Position of the Great Powers; Commerce of the Great Powers.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
<i>Monday:</i>			
Optional Subjects:—			
6.30 p.m.	L. and S.T. (b) <i>Commercial Law</i> ..	Mr. LE QUESNE	63
7.30 ..	L. and S.T. (b) <i>Commercial Law</i> ..	Mr. LE QUESNE	63
<i>Tuesday:</i>			
6.0 p.m.	Principles of Economics ..	Prof. CANNAN	2
7.15 ..	M.T. Public Finance	Mr. DALTON	44
7.15 ..	L. and S.T. History of Political Ideas..	Mr. DICKINSON	26
<i>Wednesday:</i>			
Optional Subject:—History.			
6.0 p.m.	<i>Economic Position of the Great Powers</i>	Dr. KNOWLES	51
7.15 ..	<i>Commerce of the Great Powers</i>	Mr. GREGORY	143
Optional Subject:—Accounting and Business Organisation.			
6.15 ..	L. and S.T. <i>Business Organisation</i> ..	Prof. DICKSEE	160
<i>Thursday:</i>			
*6.0 p.m.	M. and L.T. Methods of Statistics ..	Prof. BOWLEY	12
†6.0 ..	and L. and S.T. Methods of Statistics	Prof. BOWLEY	12
†6.0 ..	(remainder of course) or Logic and Scientific Method	Dr. WOLF	13
7.15 ..	Local Government	Prof. GRAHAM WALLAS	41
8.15 ..	Local Government (Class)..	Mr. GRIMSHAW	41
<i>Friday:</i>			
Optional Subjects:—			
6.0 p.m.	(a) <i>Accounting and Business Methods</i> ..	Prof. DICKSEE and Col. DE PAULA	158
6.15 ..	(c) <i>Constitutional Law</i> ..	Prof. MORGAN	68
7.0 ..	(a) <i>Accounting and Business Methods</i> ..	Prof. DICKSEE and Col. DE PAULA	158
7.0 ..	(d) <i>International Law</i> ..	Prof. PEARCE HIGGINS	72
7.15 ..	(c) <i>Constitutional Law</i> ..	Prof. MORGAN	68
8.0 ..	(d) <i>International Law</i> ..	Prof. PEARCE HIGGINS	72

* For all students proceeding to the Final Pass Examination.

† For all such students who took Mathematics at the Intermediate Examination.

‡ For all such students who took Logic at the Intermediate Examination.

To the SECRETARY,
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M _____ would
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be addressed to

(Date) _____

The London School
of
Economics and Political Science
(University of London)
Clare Market, Portugal St., Kingsway, W.C.2.

TELEPHONE: CENTRAL 6361.

TELEGRAMS: "POLECONICS, ESTRAND, LONDON."

Session 1919-1920

Time-Table

*of the Course of Study approved by the University of
London for Students in the Faculty of Economics and
Political Science preparing for the*

Degree of B.Com.

FOR THE DEGREE OF B.COM.
FIRST YEAR (INTERMEDIATE).—DAY.

TIME - TABLE.

Beginning Thursday, 2nd October.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
<i>Monday:</i>			
11.0 a.m.—1.0 p.m.	Accounting <i>Alternative to World History</i>	Prof. DICKSEE and Colonel DE PAULA	155
<i>Tuesday:</i>			
11.0 a.m.—1.0 p.m.	Geography	MAJOR JONES and Miss RODWELL JONES	82
<i>Wednesday:</i>			
10.45 a.m.	Economic History	Dr. KNOWLES	55
12.0 noon	L.T. Foreign Trade	Mr. GREGORY	141
6 p.m.	S.T. Currency and Banking	Prof. FOXWELL	165
<i>Friday:</i>			
11.0 a.m.	World History <i>Alternative to Accounting</i>	Prof. HEARNSHAW and others	50
12.0 noon	Economic Theory	Prof. CANNAN	1
2.30 p.m.	Economic History (Class) <i>Alternating with</i> Economic Theory (Class)	Mr. GRIMSHAW Mr. DALTON	55 1

Optional Subjects provided at the school.

Mathematics on Thursdays, from 11 a.m.—1 p.m., No. 18.

History on Thursdays from 10.30 a.m.—11.30 a.m., Economic History, No. 56; and Fridays from 11 a.m.—12 noon, World History, No. 50.

For particulars as to Languages, see p. 84 of the School Calendar.

FIRST YEAR (INTERMEDIATE).—EVENING.

TIME - TABLE.

Beginning Thursday, 2nd October.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
<i>Monday:</i>			
6—8 p.m.	Accounting <i>Alternative to World History</i>	Prof. DICKSEE and Colonel DE PAULA	155
<i>Wednesday:</i>			
6—8 p.m.	Geography	Major JONES and Miss RODWELL JONES	82
<i>Thursday:</i>			
6.0 p.m.	L.T. Foreign Trade	Mr. GREGORY	141
6.0 ..	S.T. Currency and Banking	Prof. FOXWELL	165
<i>Friday:</i>			
6.0 p.m.	Economic Theory	Prof. CANNAN	1
7.15 ..	World History <i>Alternative to Accounting</i>	Prof. HEARNSHAW and others	50
8.15 ..	Economic Theory (Class)	Mr. DALTON	1

Optional Subjects provided at the School.

Mathematics on Tuesdays from 6—8 p.m., No. 18.

History on Thursdays from 6—8.15 p.m., Economic History, Nos. 55 and 56; and Fridays from 7.15—8.15 p.m., World History, No. 50.

For particulars as to Languages, see p. 84 of the School Calendar.

To the SECRETARY,
The London School of Economics and Political Science,
Clare Market, Portugal Street,
Kingsway, London, W.C.2

M _____ would
be much obliged if the Secretary would forward to
^{him}_{her} a copy of the Abridged Calendar of the London
School of Economics and Political Science for the
Session 1919-20, giving detailed syllabuses of the Courses
of Lectures and information as to Prizes, Scholarships,
Certificates and Diplomas offered by the School and
the University.

Enclosed will be found stamps for 8½d.

The Calendar to
be addressed to

(Date) _____

Printed by ST. CLEMENTS PRESS, LTD., Portugal Street, Kingsway, W.C.2.

THE LONDON SCHOOL OF ECONOMICS
AND POLITICAL SCIENCE.

(UNIVERSITY OF LONDON.)

CLARE MARKET, PORTUGAL STREET, KINGSWAY,
LONDON, W.C. 2.

Telephone Central 6361.
Telegrams, "Poleconics, Estrand," London.

CHAIRMAN :

SIR ARTHUR STEEL-MAITLAND, BART., M.P.

DIRECTOR: SIR WILLIAM H. BEVERIDGE, K.C.B.,
M.A., B.C.L.

A LIST OF COURSES OF INTEREST

TO THOSE ENGAGED IN

COMMERCE

SESSION 1919-20

THE WORK OF THE SCHOOL.

The work of the School is arranged in the following groups, some of which are appropriate for University Honours in the Faculties of Arts, Laws, and Economics, and some for Professional, Commercial, and Administrative purposes. Specially to be noted is the Ratan Tata Department of Social Science and Administration of the University of London, located at the School, which, in addition to theoretical training, affords to the student unique opportunities for gaining practical experience in different kinds of social work.

The references are to the pages of the Calendar of the School.

- a. ECONOMICS (*see pp. 32—37*).
- b. POLITICS AND PUBLIC ADMINISTRATION (*see pp. 38—42*).
- c. HISTORY (*see pp. 43—47*).
- d. LAW (*see pp. 48—55*).
- e. GEOGRAPHY (*see pp. 56—59 and 88*).
- f. ETHNOLOGY (*see pp. 60—61*).
- g. SOCIOLOGY (*see pp. 62—63*).
- h. SOCIAL SCIENCE AND ADMINISTRATION (*see pp. 64—66 and 89—90*).
- j. COMMERCE AND INDUSTRY (*see pp. 67—70*).
- k. ACCOUNTING AND BUSINESS METHODS (*see pp. 71—73*).
- l. BANKING (*see pp. 74—77*).
- m. TRANSPORT (*see pp. 78—83*).

And in addition

1. The Undergraduate Courses of the University of London (*see pp. 92—113*).
2. The Department of Graduate Study and Research (*see p. 113*).
3. The Special Courses of Commercial Training for ex-Service Students (*see pp. 85—87*).

For full particulars see the Calendar of the School, price 6d.; by post, 8½d.

LECTURERS ON COMMERCE AND COGNATE SUBJECTS FOR
THE SESSION 1919-20.

Head of the Department.

*A. J. SARGENT, M.A., Brasenose College, Oxford; Professor of Commerce in the University of London.

W. VALENTINE BALL, O.B.E., M.A., Cantab.; Barrister-at-Law.

*A. L. BOWLEY, Sc.D., F.S.S., Trinity College, Cambridge; Professor of Statistics in the University of London.

PHILIP BURTT, formerly Deputy-Manager of the North-Eastern Railway.

*EDWIN CANNAN, M.A., LL.D., Professor of Political Economy in the University of London.

HUGH DALTON, M.A., King's College, Cambridge; Barrister-at-Law of the Middle Temple; Hutchinson Research Student of the London School of Economics and Political Science, 1911.

*LAWRENCE R. DICKSEE, M. Com., F.C.A., Professor of Accounting and Business Organisation in the University of London.

†*H. S. FOXWELL, M.A., F.B.A., Fellow and late Lecturer of St. John's College, Cambridge; Professor of Political Economy in the University of London.

F. M. GRAVES, M.B.E., sometime Secretary, British Delegation, African Committee, Paris Congress, 1919.

G. E. GREEN, M.A., Lecturer in History at East London College.

* Member of the Faculty of Economics and Political Science in the University of London.

† Member of the Faculty of Arts in the University of London.

T. E. GREGORY, B.Sc. (Econ.), London; Hutchinson Research Student of the London School of Economics and Political Science, 1913.

F. J. C. HEARNshaw, M.A., LL.D., Professor of History at King's College.

†A. PEARCE HIGGINS, C.B.E., M.A., LL.D., Barrister-at-Law; Professor of International Law in the University of London and Lecturer on International Law at the Royal Naval Staff College.

L. CECIL JANE, M.A., University College, Oxford; late Head of Latin American Section, War Trade Intelligence Department.

HILDA RODWELL JONES, B.Sc. (Econ.), London.

Major LLEWELLYN R. JONES, B.Sc., London.

*LILIAN KNOWLES, Litt.D., Dublin; Hist. Tripos and Law Tripos, Girton College, Cambridge; Reader in Economic History in the University of London.

C. T. LE QUESNE, B.A., late Scholar and Senior Scholar of Exeter College, Oxford; Barrister-in-Law of the Inner Temple.

†*SIR JOHN MACDONELL, K.C.B., M.A., LL.D., F.B.A., Professor of Comparative Law in the University of London; Member of the Institute of International Law; Senior Master of the Supreme Court and King's Remembrancer.

†*H. J. MACKINDER, M.A., M.P., Reader in Geography in the University of London; formerly Reader in Geography in the University of Oxford, and Student of Christ Church, Oxford.

* Member of the Faculty of Economics and Political Science in the University of London.

† Member of the Faculty of Laws in the University of London.

‡ Member of the Faculty of Arts in the University of London.

Bt. Lt.-Colonel W. A. J. O'MEARA, C.M.G., M.Inst.C.E.; M.I.E.E.; late Royal Engineers; Barrister-at-Law of the Inner Temple.

ARTHUR PAGE, B.A., Oxford; Barrister-at-Law.

Lt.-Colonel F. R. M. DE PAULA, O.B.E., F.C.A.

*W. TETLEY STEPHENSON, B.A., St. Catharine's College, Cambridge; late Statistical Officer of the London Underground Railways and the London General Omnibus Co.; formerly of the North Eastern Railway; Lecturer at the City and Guilds Engineering College.

E. C. CLEVELAND-STEVENS, M.A., Christ Church, Oxford; D.Sc. (Econ.), London; Shaw Research Student of the London School of Economics and Political Science, 1908; Hutchinson Medallist, 1914.

A. J. TOYNBEE, M.A., Professor of Greek History and Literature at King's College.

Secretary and Registrar.

Miss C. S. MACTAGGART.

Librarian.

B. M. HEADICAR.

* Member of the Faculty of Economics and Political Science in the University of London.

GENERAL ARRANGEMENTS FOR THE SESSION

1919-1920.

The Session will be divided into three Terms:—

Michaelmas Term, Thursday, 2nd October, to Wednesday, 17th December, 1919, eleven weeks;

Lent Term, Thursday, 15th January, to Wednesday, 24th March, 1920, ten weeks;

Summer Term, Monday, 26th April, to Monday, 28th June, 1920, nine weeks.

These Terms are referred to throughout as M.T., L.T., and S.T.

The School will be closed on Whit-Monday, 24th May.

The head of the department of Commerce will be at the School to meet students on Monday and Tuesday, 29th and 30th September, and Wednesday, 1st October, from 11 a.m. to 1 p.m. The Professor of Commerce will also be glad to see students between 6 and 7 p.m., by appointment, on Monday and Tuesday and between 6.30 and 7.30 p.m. on Wednesday.

Application to join the School must be made on the proper form, to be obtained from the Secretary. All Fees must be paid in advance, either personally or by post, if possible at least two clear days before the first meeting of the class which it is desired to join. Cheques should be made payable to the Director, and crossed "London County Westminster and Parr's Bank."

The Office of the School is open daily, except Saturdays, from 10 a.m. to 5 p.m., during term to 8 p.m.; and on Saturdays from 10 a.m. to 12 noon.

Information as to the Scholarships and Prizes offered by the School, or open to Students of the School, will be found at pp. 116 to 118 of the School Calendar.

COMMON ROOM.

The Common Rooms are open to Members only. The sitting-room and the smoking-room are available during term from 10 a.m. to 9 p.m., on Saturdays from 10 a.m. to noon. Arrangements during vacation are posted on the Notice Board.

Lunch, tea, and dinner are served in the Refectory at reasonable prices. Lunch from 12.45 p.m. to 2.30 p.m., tea from 4 p.m. to 6 p.m., dinner or supper from 6.45 p.m. to 9 p.m. At 9 p.m. the Refectory is closed. Inclusive weekly terms may be arranged with the Housekeeper.

Books may be borrowed from the Students' Lending Library during such hours as the Reading Room is open.

N.B.—The Students' Lending Library must not be confused with the Reference Library, from which books must on no account be taken away.

THE STUDENTS' UNION.

The Union meets at 8.15 p.m. on every Wednesday in term. Tea and coffee at 7.45 p.m. The membership fee is 5s. per session, and includes the annual subscription to the Students' Magazine, "The Clare Market Review."

TABLE OF FEES.

Composition Fees.

General Composition Fee, admitting to all classes and lectures at the School, except the tutorial classes for candidates for the certificate in the Ratan Tata Department of Social Science and Administration; if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

In the Faculty of Economics for day students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes under the inter-collegiate system two hours of instruction per week throughout each session in French or German at King's College.

For the B. Com. intermediate course, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. This fee includes admission to all the subjects which may be studied in the School itself, *i.e.*, all compulsory subjects for the intermediate examination and two of the optional subjects, *viz.*, Mathematics and History. It also admits to a course in one language to be taken under the inter-collegiate system at another School of the University. Students who wish to take other optional subjects will be required to pay the fee in addition.

Students working for a first degree in the Faculty of Economics whose mother tongue is not English, are expected to attend, during the first session, the special tutorial classes provided for their benefit in the subjects of the intermediate examination, see p. 15, section 6, of the School Calendar. Fee, if prepaid for the session, £5 5s.; if paid terminally, £2 2s. for each term.

In the Faculty of Economics for evening students:—

For the B.Sc. (Econ.), if prepaid for the whole session, £10 10s.; if paid terminally, £4 4s. for each term. No teaching in languages is included in this fee.

For the B. Com. intermediate course covering a period of two sessions and admitting to a course in one language to be taken under the inter-collegiate system at another School of the University, if prepaid for the two sessions, £15 15s.; if paid in annual instalments, in the first session, £10 10s., and in the second session, £7 7s.; or if paid terminally, during the first session, £4 4s. each term, during the second session, £3 3s. each term.

In the Faculty of Laws, for the LL.B., if prepaid for the whole session, £12 12s.; if paid terminally, £5 5s. for each term.

These fees admit only to the LL.B. inter-collegiate courses held at the London School of Economics and Political Science, University College, and King's College. They include the payment of Union and Common Room fees, and entitle the student also to Common Room privileges at the two other Colleges.

Research Fees.

Research students who have access to the Library and are placed in communication with those lecturers and others able to assist them may be enrolled at any time. Fee, if prepaid for the

whole session, £3 3s.; if paid terminally, £1 11s. 6d. for each term; for any period not exceeding six weeks from entry, £1 1s.

Advanced students receiving guidance from the lecturers either individually or in a seminar will pay the Research Fee.

In the Faculty of Economics.—Fees for candidates for higher degrees registered under Statutes 113 and 129, M.Sc. or D.Sc., if prepaid for two sessions, £15 15s.; if paid sessionally, £10 10s. for each session; if paid terminally, £4 4s. for each term.

In the Faculty of Laws, for the LL.D., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

In the Faculty of Arts, for the M.A. or D.Lit., if prepaid for one session, £10 10s.; for two sessions, £15 15s.; if paid terminally, £4 4s. for each term.

Departmental Fees.

In the Ratan Tata Department of Social Science and Administration, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term. These fees admit to all classes and lectures at the School. For the joint course with the Household and Social Science Department of King's College for Women the fee is thirty guineas if prepaid for the whole session; if paid terminally, £11 11s. for each term.

For Candidates for the Geography Certificate, if prepaid for the whole session, £15 15s.; if paid terminally, £6 6s. for each term.

For Candidates for the Academic Diploma in Geography, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. Students spreading their course over two years are expected to pay a further fee of £3 3s. in the second year.

These fees admit also to the necessary lectures at University College.

For Candidates for the Commercial Certificate, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term. These fees admit also to the necessary language classes.

For the Special Courses of Commercial Training for Ex-Service Students, £6 6s. for each course.

Course Fees.

The fee for each separate course will be found set out in the general list of lectures and classes commencing at p. 32 of the School Calendar.

Common Room Subscription.—The Common Room and Lending Library Subscription is 2s. 6d. a term, or 5s. a session.

Lockers are provided at a rent of 1s. a term, or 2s. 6d. a session. A deposit of 2s. 6d. is required, to be given back when the key of the locker is returned.

A student renting a locker for one term only is required either to renew his subscription or to give up the key on or before the last day of term. Otherwise the deposit will be held to be forfeited.

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE.

(UNIVERSITY OF LONDON.)

In pursuance of their policy for the development of Commercial Education, the University of London has now established degrees in Commerce, the Bachelor of Commerce (B. Com.), and the Master of Commerce (M. Com.). There are two examinations for the B. Com., the Intermediate and the Final.

The subjects for the Intermediate course are as follows:—

COMPULSORY SUBJECTS.

- I. Elements of Economics.
- II. Banking, Currency, Trade (including Transport) and Finance.
- III. Geography.
- IV. (a) Accounting, as applied to Traders and Trading Companies; or alternatively,

(b) World History, with special reference to the Nineteenth Century.

NOTE.—In order to be permitted to take Group A (Banking and Finance) at the Final Examination, candidates must have passed in IV. (b) (World History) at the Intermediate Examination.

In order to be permitted to enter for the Final Examination in any Group other than Group A (Banking and Finance) candidates must have passed in IV. (a) (Accounting) at the Intermediate Examination.

- V. An approved Modern Foreign Language (see p. 12).

OPTIONAL SUBJECTS.

- VI. One of the following:—
 - (a) A second approved Modern Foreign Language (see p. 12).
 - (b) Chemistry.
 - (c) Physics.
 - (d) Geology.
 - (e) Botany.
 - (f) Pure Mathematics.
 - (g) Applied Mathematics.
 - (h) History—(i.) History of Industry and Commerce; and
 - (ii.) World History, with special reference to the Nineteenth Century.

NOTE.—Candidates who take World History under IV. (b) will not be permitted to take History under VI. (h).

(i) English—(i) History of English Language and Literature; and

(ii) Composition, Expression, Style, Appreciation.

(j) Commercial Art, i.e., Art as applied to an Approved Manufacture.

The compulsory subjects are all provided for in the course arranged for day and evening at the School with the exception of the language subject, for arrangements in respect of which see page 12. Of the optional subjects Pure Mathematics and History only are at present provided. A course of study in preparation for the Final Examination is being arranged. Particulars will be announced later.

FOR THE DEGREE OF B.COM.

FIRST YEAR (INTERMEDIATE).—DAY.

TIME - TABLE.

Beginning Thursday, 2nd October.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
<i>Monday :</i>			
11.0 a.m.—1.0 p.m.	Accounting <i>Alternative to World History</i>	Prof. DICKSEE and Colonel DE PAULA	155
<i>Tuesday :</i>			
11.0 a.m.—1.0 p.m.	Geography	MAJOR JONES and Miss RODWELL JONES	82
<i>Wednesday :</i>			
10.45 a.m.	Economic History	Dr. KNOWLES	55
12.0 noon	L.T. Foreign Trade	Mr. GREGORY	141
<i>Thursday</i> 6 p.m.	S.T. Currency and Banking	Prof. FOXWELL	165
<i>Friday :</i>			
11.0 a.m.	World History <i>Alternative to Accounting</i>	Prof. HEARNshaw and others	50
12.0 noon	Economic Theory	Prof. CANNAN	1
.3 p.m.	Economic History (Class) <i>Alternating with</i> Economic Theory (Class)	Mr. GRIMSHAW Mr. DALTON	55 1

Optional Subjects provided at the school.

Mathematics on Thursdays, from 11 a.m.—1 p.m., No. 18.

History on Thursdays from 10.30 a.m.—11.30 a.m., Economic History, No. 56; and Fridays from 11 a.m.—12 noon, World History, No. 50.

For particulars as to Languages, see p. 12.

FOR THE DEGREE OF B.COM.

FIRST YEAR (INTERMEDIATE).—EVENING.

TIME - TABLE.

Beginning Thursday, 2nd October.

	Short Title.	Lecturer.	No. of Course in Lecture List on pp. 32 to 83 of the School Calendar.
<i>Monday :</i>			
6—8 p.m.	Accounting <i>Alternative to World History</i>	Prof. DICKSEE and Colonel DE PAULA	155
<i>Wednesday :</i>			
6—8 p.m.	Geography	Major JONES and Miss RODWELL JONES	82
<i>Thursday :</i>			
6.0 p.m.	L.T. Foreign Trade	Mr. GREGORY	141
6.0 ..	S.T. Currency and Banking	Prof. FOXWELL	165
<i>Friday :</i>			
6.0 p.m.	Economic Theory	Prof. CANNAN	1
7.15 ..	World History <i>Alternative to Accounting</i>	Prof. HEARNshaw and others	50
8.15 ..	Economic Theory (Class)	Mr. DALTON	1

Optional Subjects provided at the School.

Mathematics on Tuesdays from 6—8 p.m., No. 18.

History on Thursdays from 6—8.15 p.m., Economic History, Nos. 55 and 56; and Fridays from 7.15—8.15 p.m., World History, No. 50.

For particulars as to Languages, see p. 12.

MODERN LANGUAGES.LANGUAGES FOR THE DEGREE IN COMMERCE AND THE
COMMERCIAL CERTIFICATE.

By arrangement between the London School of Economics and King's College, classes will be arranged at King's College in French, German and Italian, to suit the time-tables of students who are taking their other subjects at the London School of Economics and Political Science.

FRENCH.

Matriculation standard will be assumed.

Courses will be held for Day Students—Monday, 4-5; Friday, 4-5.
" " " " " Evening Students—Tuesday, 6-7; and
Thursday, 7.15-8.15.

GERMAN AND ITALIAN.

Matriculation standard will not be assumed.

Courses will be held if desired for Day Students five afternoons a week; for Evening Students two hours a week on Tuesday and Thursday evenings.

Students who have reached Matriculation standard will be taken in existing classes, with one hour a week extra for the commercial side of the work.

Courses in Spanish, Portuguese, Rumanian, Modern Greek, Russian, Polish, and other Slavonic Languages can also be taken at King's College. Courses in Norwegian, Swedish and Danish can be taken at University College, and in Dutch at University College and Bedford College. Courses in Oriental Languages can be taken at the School of Oriental Studies, Finsbury Circus.

LANGUAGES FOR STUDENTS WORKING FOR THE DEGREE OF
B.Sc. (ECON.).

Courses in French and German for students working for the degree of B.Sc. (Econ.) are being arranged at King's College at the following times:—

FRENCH—Monday, 5-6; Wednesday, 4-5.

GERMAN—Monday, 5-6; Wednesday, 5-6.

An Advanced Class may also be held on Tuesday afternoon.

Further information and copies of the Regulations of the University may be obtained on application to the Secretary.

For students who for any reason prefer a shorter course of study the School will continue to award

CERTIFICATES IN COMMERCE.

The chief modern languages commercially important will be taught at King's College and the remainder of the subjects at the London School of Economics and Political Science. At the conclusion of the course, which will extend over a *minimum* period of two years, a certificate will be issued by the London School of Economics and Political Science to students whose work has been satisfactory, and who have passed the necessary examinations. This certificate will be endorsed by the authorities of King's College for the languages which have been studied to their satisfaction.

The Courses of Instruction have been selected in the main from the Curricula for the B.Sc. (Econ.) and B.Com. Degrees, and the work done for these certificates will therefore be of a University character.

ADMISSION OF STUDENTS TO THE COURSE.

Students desiring to commence a course of study with a view to this certificate must either:—

- (a) Have passed some examination implying a sufficient secondary education, or produce a satisfactory letter from the head master or mistress of a secondary school, or
- (b) Be not less than 20 years of age, and have had three years' experience in a business office, or
- (c) Be not less than 23 years of age.

CURRICULUM.

A course of study will be prescribed for each candidate for the certificate individually. The course will vary according to the circumstances of the candidate.

The first year's course will include, as a minimum, the following lectures:—Commercial Law, Part I. (No. 62); Accounting and Business Methods, Part I. (No. 157); The Organisation of English Foreign Trade (No. 141); The Elements of Commerce (No. 140); Currency, Banking, and the Money Market (No. 165); Economic History: The Growth of English Industry, with special reference to the period after 1760 (No. 55); First Principles of Economics (No. 5); Geography (Intermediate Course) (No. 82).

In the second year the entire course of study will be planned with variations to suit the needs of each candidate. Selection will be made from the following and other lectures:—Coal, Water and Oil as Sources of Power (No. 144); Markets and Market Organisation (No. 145); Currency and Banking, Descriptive and Theoretical, with special reference to England (No. 167); the Stock Exchange, Speculative Markets and other subjects connected with Banking (No. 168); General Economics, with special reference to Transport (No. 187); Business Organisation (No. 160); Accounting and Business Methods, Part II. (No. 158); Commercial Law, Part II. (No. 63). Lectures by business men on their special subjects, such as are arranged from time to time.

Students unable to give their full time to study may spread their course over as long a period as is necessary.

COMMERCE AND INDUSTRY.

140. The Elements of Commerce, a course of ten lectures by Mr. GREGORY, on Wednesdays, at 12 noon, in Michaelmas Term, beginning 15th October. Fee, 12s. 6d.

Syllabus. The geographical and economic basis of commerce. Localization of industry and its effects. Relations of producing groups. Efficiency of labour as an element in competition. Commerce as an effect and cause of industry. The functions and working of markets. Types of market dealing. Speculation and its effects. Local and world prices. Trusts and combines in relation to markets and prices. Organisation of the movement of goods. Agents necessary and unnecessary. Inland transport. Railways and railway policy. Water and road transport. The telegraph in relation to trade methods. Equipment of seaports. Ocean transport. Types of shipping. Conditions determining freights. Economy of working and equalization of traffic. Seasonal traffic. Economic basis of shipping rings and agreements and their effect on trade organisation and distribution. Insurance. The financing of commerce. Working and value of credit. Banking in relation to commerce. Policy of foreign banks illustrated. Bills and other methods of settling debt. The balance of trade. Investment and its effect on commerce. Working of the foreign exchanges. The State in relation to commerce. Control of transport agencies. Tariffs and tariff administration from the commercial point of view. Commercial intelligence. Statistical information on trade and transport and its value.

Owing to the wide scope of the subject it is not possible to suggest text-books for study; but the sources of information on the various problems dealt with will be indicated in the course of the lectures.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 9th October, for evening students.

141. The Organisation of English Foreign Trade, an elementary course of ten lectures by Mr. GREGORY, on Wednesdays, at 12 noon, in Lent Term, beginning 21st January. Fee, 12s. 6d.

Syllabus. The nature of foreign trade in general, and the main causal group determining its distribution, as illustrated from English economic development. The statistical treatment of foreign trade: its problems and results. The basic motives of foreign trade and their relation to price. The organisation of foreign trade, as illustrated by the analysis of costs. Agents and their economic justification. The functions of the State. The determination of transport charges. The relation of foreign trade to financial institutions. The function of the latter in (a) the organisation of international payments, (b) the determination of the nature of trade. Geographical and economic aspects of trade-routes.

The above course of lectures will be given also on Thursdays, at 6 p.m., beginning 15th January, for evening students.

142. The Foreign Exchanges, a course of six lectures by Mr. GREGORY, on Thursdays, at 7.15 p.m., in Lent Term, beginning 15th January. Fee, 10s. 6d.

Syllabus. 1. Foreign exchange arises out of international transactions in the widest sense of the word, and is complicated by differing currencies. The instruments used. The competition between bills of exchange and other methods of payment. Specie-points: Quotations of exchange, &c. 2. The organisation of the exchange market. Acceptance and discount; The gold exchange—standard countries. Finance bills and trade bills: Why the sterling exchange is the most popular form of remittance: Exchange between gold and silver-using

countries. 3. The regulation of the exchanges. The influence of arbitrage transactions: The method of discount-rate variations: influence of rising rates on purchases. How far war influences these methods. 4. The foreign exchanges during the war. The problems created by the outbreak of war: the course of exchange during the war: special problems influencing exchange. The future of sterling exchange.

143. The Commerce and Commercial Problems of the Great Powers, a course of thirty lectures by Mr. GREGORY, on Thursdays, at 12 noon, beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. This course is intended as a complement to the course of lectures on the Economic Position of the Great Powers, No. 51, but can be followed without attendance at the former. In general it will deal with the nature and distribution of the foreign trade of the Great Powers: the trade and trade relations of their colonial possessions; the part taken by each in the control of the great staples of world-commerce and, finally, with the organisation of trusts, cartels, produce markets, the shipping industry and its relation to the State. The course will be divided as follows:—

M.T.—Trade of the United Kingdom and the British Empire, with special reference to the Self-Governing Dominions and India. The Tropical Colonies and their products. The shipping industry and its importance to the Empire.

L.T.—The trade of the Great Powers, with special reference to the staples—cotton, wheat, ores, lumber, etc.

S.T.—Problems of organisation. The export policy of Trusts and Cartels: the Organisation of Produce Markets. The State in relation to wholesale markets. The problem of the Conservation of Natural Resources. Railway and Port Problems in the Continent of Europe.

The above course of lectures will be repeated on Wednesdays, at 7.15 p.m., beginning 8th October, for evening students.

43. Tariffs and Tariff Administration, a course of ten lectures by Mr. GREGORY, on Tuesdays, at 6 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

Syllabus. The object of the course will be to deal with tariffs as an instrument of commercial policy, without reference to the validity of such use. The lectures will be grouped round the following points:—(1) The making of tariffs. (2) The form and content of the tariff. (3) Tariff Administration. (4) Commercial treaties in relation to tariffs. References to available literature will be given at each stage of the discussion.

144. Coal, Water and Oil, as Sources of Power (from the Commercial Point of View), a course of ten lectures by Professor SARGENT, on Mondays, at 2.30 p.m., in Michaelmas Term, beginning 13th October. Fee, 12s. 6d.

Syllabus. The present and future sources of coal, in relation to industries based on it, the movement of coal both for industrial and commercial purposes, and the changes taking place now or likely to take place in the future owing to the development of new sources of supply. The location of the oil supplies of the world, the problem of oil versus coal as a motive power and the effect of competition on the position of the coal-owning countries. The limits, physical and economic, of the utilization of water-power, the chief water supplies available and the possible development of areas dependent on them.

145. Markets and Market Organisation, Economic and Geographical, a course of nineteen lectures by Professor SARGENT, on Mondays, at 2.30 p.m. in Lent and Summer Terms, beginning L.T. 19th January, S.T. 26th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

In connection with this course a class for discussion may be held if sufficient students enter.

Fee for lectures and class: For the course, £1 17s. 6d.; Terminal, £1 1s.

Syllabus. The conditions of production and marketing of the more important commodities entering into overseas trade (and the traffic of the great ports of the world).

Part I.—L.T.—The Production and Marketing of Foodstuffs.

Part II.—S.T.—The Production and Marketing of Raw Materials.

The aim of the lectures will be to deal broadly with the process by which the more important commodities are transferred from producing to consuming areas. The lectures will include the geographical and economic conditions of production, under the competitive system, local collecting and handling centres, methods of transport by rail and sea, finance and credit, market dealing in relation to prices, the organisation of consuming markets, Government interference and statistical information. The whole will have special reference to the conditions of the United Kingdom and the resources, actual and possible, of the British Empire.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

146. Commercial Relations of the United Kingdom with the Near East, a course of ten lectures by Professor SARGENT, on Fridays at 7.15 p.m., in Lent Term, beginning 16th January. Fee, 12s. 6d.

147. A Class for the Study of Commercial Documents will meet under the direction of Professor SARGENT and Mr. GREGORY, on Fridays, at 12 noon, in Summer Term, beginning 30th April. Fee, 12s. 6d.

148. Foreign Trade (Class). Professor SARGENT will hold a special class for candidates for the Certificate in Commerce. Admission will be exclusively by permission of Professor SARGENT. Times to be arranged with students. Sessional Fee, £1 11s. 6d.; Terminal Fee 12s. 6d.

149. Foreign Trade. Seminar by Professor SARGENT. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

ECONOMICS, INCLUDING STATISTICS.

1. The Elements of Economics, a course of thirty lectures by Professor CANNAN, on Fridays, at 12 noon, beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course Mr. DALTON will hold a class on alternate Fridays, at 2.30 p.m., beginning 3rd October.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. The scope of economics. The fundamental conditions of material welfare for man in isolation and man in society. Co-operation. The effects of variation in numbers of people. The dependence of economic organisation on various social institutions. Motives tending to the satisfaction of demand; control of production by demand. Power to demand given by income. Classification of incomes. Inequality of incomes. The relation between income and material welfare. The relative material welfare of "nations" and other groups of persons inhabiting different territories. Traditional discussion of causes of variation in wages, profits, and rents.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

The class for evening students taken by Mr. DALTON in connection with this course will meet on alternate Fridays, at 8.15 p.m., beginning 10th October.

5. First Principles of Economics, a course of thirty lectures by Mr. DALTON, on Tuesdays, at 6 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

Syllabus. This is an elementary course in which no previous knowledge of economics is assumed. It is intended to serve as an introduction to more advanced and specialised courses, and deals with the ground work of simple economic theory, including existing forms of economic organisation.

50. World History, with special reference to the 19th century, a course of thirty lectures by Professor HEARNshaw, Professor TOYNBEE and Mr. GREEN, on Fridays, at 11 a.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

(a). GENERAL INTRODUCTORY SKETCH, one lecture by Professor HEARNshaw.

(b). ANCIENT HISTORY, six lectures by Professor TOYNBEE, beginning 10th October. Fee, 10s. 6d.

Syllabus. Early Politics. Greek Civilisation. Expansion of Greece. Rome and its Conquests. The Roman Empire. The Dark Age.

(c). MEDIÆVAL HISTORY, four lectures by Professor HEARNshaw, beginning 21st November. Fee, 7s. 6d.

Syllabus. Feudalism. The Papal Monarchy. Mediæval Civilisation. The Break-up of Christendom.

(d). EARLY MODERN, ten lectures by Mr. GREEN, beginning 16th January. Fee, 12s. 6d.

Syllabus. The Renaissance. The Reformation. The Rise and Fall of Spain. The Rise and Fall of the United Netherlands. The Rise and Fall of Sweden. The Ascendancy of France. Europe Overseas. The Rise of Prussia and Russia. The United States of America. The Ottoman Empire.

(e). THE 19TH CENTURY AND AFTER, nine lectures by Professor HEARNshaw, beginning 30th April. Fee, 12s. 6d.

Syllabus. The French Revolution. The Great Wars. The Era of the Congresses. National Revolts. Democratic Advance. The Making of Italy and Germany. Expansion of Europe. Unification of the World. The Present Situation and the Outlook.

The above course of lectures will be repeated at 7.15 p.m. on the same day for evening students.

51. The Economic Position of the Great Powers, a course of thirty lectures by Dr. KNOWLES, on Tuesdays, at 10.45 a.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

Syllabus. This course will deal with the commercial, industrial and agricultural development of Germany, France, Russia and the United States after 1789. The economic after-effects of the French Revolution leading to changes in the status of persons, freedom of movement, and free choice of occupation will be traced. The continental predominance of France up to 1870 in economic matters, the evolution of Germany from a tariff mosaic through the Customs Union into a united Empire and an industrial State of the first rank, the economic transformation of Russia from a mediæval to a modern State, the development of the United States from an agricultural disunited country into a united industrial empire whose wheat exports vitally affected the agricultural development and policy of Europe, will be the main subjects of the lectures. Reference will also be made to the railway and shipping policies and tariff changes of the four Great Powers, while stress will be laid on the varying labour problems of each country and the attempts to deal with them. The English developments of machinery, coal and iron and mechanical transport will only be included in so far as they affect the four other countries in question. They are treated fully as regards England herself in courses 56 and 143.

M.T. (1).—The rearrangement of European economic relations after the French wars. The economic development of France during the 19th century.

L.T. (2).—The economic development of Germany and Russia.

S.T. (3).—The economic development of the United States.

The above course of lectures will be repeated on Wednesdays, at 6 p.m., beginning 8th October, for evening students.

52. The Political Position of the Great Powers, including the United States, a course of thirty lectures in the session 1920-21.

53. South America: its Economic Past and Future, a course of ten lectures by Mr. JANE, on Tuesdays, at 8 p.m., in Michaelmas Term, beginning 14th October. Fee, 12s. 6d.

Syllabus. This course will deal with the general economic history of South America from its discovery to the present day. The subject falls naturally into two periods, divided by the War of Independence. **i. The Colonial Period.** Factors which have determined the economic development of South America: (a) physical geography; (b) circumstances of its conquest. Economic condition of South America at the time of its discovery. Peruvian civilisation. Character of the European conquest: its economic effect; (a) the European population; (b) the natives; (c) slavery; (d) mixture of blood. Principles and effects of the Spanish Colonial system: (a) protective policy; (b) the mines; (c) agriculture; (d) industry. The Jesuits in Paraguay. Brazil. Attacks on the Spanish monopoly; the contrabandists. General results of the colonial period. **ii. The Period of Independence.** Economic causes of the resistance to Spain; the last days of the colonial system. Immediate results of the War of Independence; freedom of trade; abolition of slavery. Economic development of the republics in general. (a) Political disturbance; revolutions; War of Paraguay: the Pacific War. (b) Financial disorder; the Baring crisis. (c) Colonisation; Brazil; Chile; Argentina. Economic development of the republics in detail; Colombia; Venezuela; Ecuador; Peru; Chile; Argentina; Uruguay; Paraguay. The economic history of Brazil. Present economic condition of South America; its resources; potentialities of development; obstacles to development.

54. The Partition of Africa, a course of ten lectures by Miss GRAVES, on Thursdays, at 6 p.m., in Lent Term, beginning 15th January. Fee, 12s. 6d.

Early colonial effort in Africa. The rise and decline of the Dutch African Empire. The Portuguese in Africa. International treaty arrangements. The French in Africa. The Congress of Berlin and Tunis. France and the Dual Control in Egypt; the French withdrawal. The foundation of French Equatorial Africa. Germany and Morocco; the Algeiras Conference. The Agadir incident. British African policy. The foundation of the Orange Free State and the Transvaal. Germany's dream of a Dutch-African Confederation. The Boer War and the grant of responsible government. The Union. Great Britain in East Africa. German aggression and the Anglo-German Agreement of 1890. Leopold, King of the Belgians, and the foundation of the Congo Free State. Boundary arrangements. The right of sovereignty over the Congo Free State assumed by Belgium. Bismarck and the German Colonial Society. The foundation of German South-West Africa. The Herero rising. Germany in West and East Africa; the conception of Mittel-Afrika. United Italy as a Colonial Power. Annexation of Tripoli and Cyrenaica. European intervention in Abyssinia. Liberia and its connection with the United States of America. The Spanish in Africa. The Rif country. The internationalisation of Tangier. The idea of international co-operation in Africa and its expression in the General Acts of the Berlin and Brussels Conferences. German immigration and its bearing on the German treatment of natives. The partition of German Africa. Mandate and sovereignty; a suggested origin of the causes of dissimilarity between the British and French traditions of Empire. The League of Nations and its part in the future of Africa.

55. Economic History: The Growth of English Industry, with special reference to the period after 1760, a course of thirty lectures by Dr. KNOWLES, on Wednesdays, at 10.45 a.m., beginning M.T. 8th October, L.T. 21st January, S.T. 28th April.

These lectures will be throughout of an elementary character.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee, for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Fridays, at 2.30 p.m., beginning 10th October, when Dr. KNOWLES will address the class.

Syllabus. This course will include a sketch of the development of England up to 1760, the revolution in the iron trade, in internal communication, in the textile industries and in agriculture, the effect of the great wars on English trade and finance, the development of the Factory Acts, Truck Acts, and Employers' Liability and Workmen's Compensation Acts, the growth of trade unions, the changes in the Poor Law, and the legislation with regard to the tariff changes in the nineteenth century.

The above course of lectures will be given also on Thursdays, at 7.15 p.m., beginning 2nd October, for evening students.

The class for evening students taken by Mr. GRIMSHAW in connection with this course will meet on alternate Thursdays, at 8.15 p.m., beginning 2nd October when Dr. KNOWLES will address the class.

56. The Growth of English Commerce and Colonisation, with special reference to the period after 1846, a course of thirty lectures by Dr. KNOWLES, on Thursdays, at 10.30 a.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £1 11s. 6d.; Terminal Fee, 12s. 6d.

This course will include a short sketch of English commercial policy and colonisation up to the beginning of the nineteenth century, the reaction from the old mercantile system, the tariff changes, the repeal of the Navigation Acts, the revolution wrought by the changes in transport as regards England's commercial position, the attempt to control the railways and railway rates, the problem of the canals, the causes of England's commercial and industrial supremacy up to 1870, and the depression which followed, the more recent developments in English economic policy and trade, such as the Merchandise Marks Acts and the Sugar Bounties question, the changes during the 'free trade' era in shipping and shipping policy, the revolution in agriculture, the developments in the textile, iron, and coal trades, the policy pursued with regard to Ireland, the period of *laissez-faire* and the colonies, the development of a new Empire, the abolition of slavery, the transplantation of the coolie, the emigration of the white man, the Chartered Companies and colonisation, the reaction of the self-governing colonies on English economic policy, the abolition and partial reconstruction of the inter-imperial preference system, and the rearrangement of the commercial relations between Great Britain and the self-governing dominions beyond the seas.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

57. Economic History: English Economic Development between 1485 and 1760, a course of thirty lectures by Dr. KNOWLES, in the session 1920-21.

58. Economic History. Seminar by Dr. KNOWLES. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

11. Introduction to Statistics, a course of ten lectures by Professor BOWLEY, on Tuesdays, at 2.30 p.m., in Lent Term, beginning 20th January. Fee, 12s. 6d.

Syllabus. Methods of Statistical enquiry. Definition of Units. Classification. Tabulation. Use of Official Publications.

The treatment will be non-mathematical.

A practical class, in which statistical material will be criticised and tabulated, will be held immediately after each lecture.

Fee for lectures and class, £1 1s.

18. Mathematics Preparatory to Statistics, a general course by Professor BOWLEY, on Thursdays, from 11 a.m. to 1 p.m. beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Sessional Fee, £2 12s. 6d.; Terminal Fee, £1 1s.

Syllabus. Algebra.—Indices, logarithms. Progressions. Binomial and exponential series. Solution of equations. Limits and approximations. Graphs of simple functions. Direction and the derived function. Maxima and minima.

Trigonometry.—Definitions. Ratios for all angles. Approximate values of sine and cosine.

Co-ordinate Geometry.—The straight line, circle, and standard equations of the parabola, ellipse, and hyperbola.

Geometry.—Similar figures. Orthogonal projection.

The above course will be repeated on Tuesdays, from 6 to 8 p.m., beginning 7th October, for evening students.

12. Methods and Applications of Statistics, a general elementary course of thirty lectures by Professor BOWLEY, on Tuesdays, at 12 noon, beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

Syllabus. M. and L.Ts. General elementary technique of statistics, treated with a view to the accurate interpretation of statistics now published currently in the United Kingdom. A broad treatment of the statistical history of population, production, trade, prices, wages and income in the United Kingdom since 1790.

S.T. Elementary Mathematical Statistics. Averages; measurement of deviation and of correlation. Method of Samples.

The above course will be given also on Thursdays, at 6 p.m., beginning 2nd October, for evening students.

15. Current Statistical Questions, a course of ten lectures by Professor BOWLEY, on Mondays, at 7 p.m., in Lent Term, beginning 19th January. Fee, 12s. 6d.

In this course it is intended to study recent blue books and other official publications.

ACCOUNTING AND BUSINESS METHODS.

155. Accounts of Traders and Companies, a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Mondays, at 11 a.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April. Sessional Fee, £2 12s. 6d.; Terminal Fee, £1 1s.

Syllabus. M.T.—The Principles of Double Entry and their application—the Trial Balance—Ledgers and books of first entry—Bills of Exchange—methods of balancing.

L.T.—Sectional Balancing—Balance Sheets—Trading and Profit and Loss Accounts—Departmental Accounts—safeguards against fraud in accounts.

S.T.—Accounts of Partners—Accounts of Companies.

The above course of lectures will be repeated at 6 p.m. on the same day for evening students.

156. Class. In connection with the above course a class will be held morning and evening immediately after each lecture except the first. Free to students attending the lectures.

157. Accounting and Business Methods (Part I.), a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Mondays, at 7 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with this course a class will be held on Mondays, at 6 p.m., beginning 13th October.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee, for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. M.T.—General introduction as to the nature, objects, and utility of bookkeeping. The nature of double-entry bookkeeping described and distinguished from single-entry. The distinction between Capital and Revenue, both as regards receipts and expenditure. The distinction between "fixed" and "floating" assets. The Trial Balance. The application of the principle of the Trial Balance to each of a series of Ledgers. Various methods of sectional balancing described, and the relative advantages of each explained. "Duplicate Posting." Check figures. Branch Accounts: their organisation and control from headquarters. Departmental Accounts.

L.T.—Consignment Accounts. Exportation and Importation. Foreign Currencies; their fluctuation in value, its causes and effect. The accounts of Foreign Branches, and the treatment of fluctuating currencies therein. Balance Sheets and Revenue Accounts; their various forms and uses. Systems of organisation and internal check. Prevention of fraud. Modern Systems of Bookkeeping. The Slip System, the Card System, the Loose-Leaf System; their application to both ledgers and books of first entry; their advantages and drawbacks.

S.T.—Tabular Bookkeeping. Joint Stock Companies' Accounts. Outline of the constitution of Joint Stock Companies. Procedure during various stages of a company's career. Opening entries; issue of capital; acquisition of properties. Calls. Transfers. Forfeiture of shares. Payment of dividends. Conversions. Reduction of capital, &c. Preparation for Audit and the Functions of Auditors. Partial Audits. The nature and utility of Periodical Returns.

158. Accounting and Business Methods (Part II.), a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Fridays, at 7 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course a class will be held on Fridays, at 6 p.m., beginning 10th October.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee, for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. M.T.—The Double-Account System described and compared with the Single-Account System: its suitability to various classes of undertakings discussed. Reserve Funds and Reserves: their nature and object. The Investment of Reserve Funds. Secret Reserves. Sinking Funds: their nature, object, and operation. The Depreciation of wasting assets: its nature and the various means by which it may be provided for. Goodwill: its nature and treatment in accounts. Profits: the various meanings attached to the term, and the method of arriving at true profits explained.

L.T.—Partnership Accounts. Income Tax; general outline of Income Tax law. Income Tax returns and assessments; the treatment of Income Tax in accounts. Executorship and Trust Accounts. Bankruptcy and Insolvency Accounts.

S.T.—Liquidation Accounts. The Reconstruction of Companies. Stock Accounts. Stores Accounts. Cost Accounts. Public Accounts. Local Authorities' Accounts. The Accounts of Charitable Institutions. Hire Purchase Agreements. The Interpretation of Accounts.

159. Cost Accounts and Efficiency Methods, a course of ten lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Michaelmas Term, beginning 15th October. Fee, 12s. 6d.

Syllabus. Cost Accounts, their nature and treatment. Efficiency, what it is, and how it should be sought.

160. Business Organisation, a course of nineteen lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Lent and Summer Terms, beginning L.T. 21st January, S.T. 28th April. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. L.T.—The Basis of Business Organisation. The constitution of business houses. The genesis of business enterprise. The financial basis of business undertakings. The elements of finance. Overtrading. Cycles of trade. Business statistics. The organisation of control and responsibility. The connection between records and results. The remuneration of employees. Promotions and Pensions.

S.T.—Markets and Exchanges. Import and Export. Salesmanship. Advertising. The science of buying. Credit operations. Methods of collecting. Co-operation, Profit-sharing, and Industrial Co-partnership, and their bearing upon efficiency. Speculation and its relation to legitimate business. Insurance. The organisation of expanding, contracting, stationary and temporary (or emergency) undertakings.

161. Elements of Administration and the Principles of Organisation, a course of ten lectures by Colonel O'MEARA, on Mondays, at 8 p.m., in Michaelmas Term, beginning 13th October. Fee, 12s. 6d.

Syllabus. Definitions and Explanations of terms: Administration; Management; Organisation. The problems connected with governmental, commercial and industrial enterprises: the six functions in every enterprise. Methods of Administration: the Bureau system; the College or Board system; types of College or Board system; characteristics of the various systems. Bases of Administration: familiarity with methods; appreciation of uses and limiting capacities of machines; the art of handling men. Principles of Administration: a steadfast policy; unity of purpose; division of labour; centralisation of control; decentralisation of execution; the "chain of command"; "liaison" within the organisation; support of subordinate authority; maintenance of discipline; encouragement of initiative; responsibility with accountability; permanency of employment; equitable treatment of employees; regard for social welfare of employees. Constituents of Administration: foresight; direction; organisation; co-ordination; control. Tools of Administration: "standing" instructions; the bulletin or circular; the Staff Magazine; "standing" committees or councils of employees; Staff conferences; the personal interview; correspondence; the telegraph and the telephone; card index and filing systems; clerical and accounting labour-saving devices; time-recording and cash-register machines; directories and other standard works of reference; periodicals and current literature relating to and connected with the administrative aspects of commerce and industry; the newspaper and periodicals "cuttings" book. Efficiency in Administration: the personality of the Chief and the Sub-Chiefs; the skill and loyalty of the employees; utilisation of diagrams, records, statistics, accounts, electric signalling apparatus and machines promoting comfort of employees; chronometrage; system. Principles of Organisation: the fundamental rules. Types of Organisation: early models; the "military" or territorial model; the functional model; examples of governmental, municipal, commercial and industrial organisations. Divisions and Sub-divisions in Staff Organisation: the compartments or "horizontal" divisions in an undertaking or enterprise; the "employments" sub-divisions or "vertical" groups in an undertaking or enterprise; the central or "planning" office; functional foremen; standard tasks; the tool department; classification and symbolisation.

BANKING.

165. Currency, Banking, and the Money Market, an elementary course of nine lectures by Professor FOXWELL, on Thursdays, at 6 p.m., in Summer Term, beginning 29th April. Fee, 12s. 6d.

Syllabus. The functions of money. The English Mint Regulations. Legal tender. Standard and token money. Parity. The English banking system. Banking methods. The reserve and the discount rate. The Stock Exchange. The foreign exchanges. Commercial and financial crises.

166. Foreign Banking, a course of eight lectures by Mr. GREGORY, on Fridays, at 8 p.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

Syllabus. The object of these lectures is to explain in some detail the organisation and functions of the German Banking System, which in some respects differs from that of most other countries and especially from that of the British Empire. The lectures will be grouped round the following main points: (1) The concentration movement in German banking, its character and extent. (2) The methods of the German great banks. (3) The Colonial banks. (4) Reichsbank. (5) The co-operative credit banks in town and country. (6) The German credit mobilisation. The system as a whole will be contrasted at each stage with the British practice and the available literature will be referred to at the appropriate points.

167. Currency and Banking, Descriptive and Theoretical, with special reference to England, a course of twenty-one lectures by Professor FOXWELL, on Tuesdays, at 12 noon, in Michaelmas and Lent Terms, beginning M.T. 7th October, L.T. 20th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. M.T. **Metallic Currency.**—The functions and economic significance of money. Various forms of money. Metallic currencies and coinage. The English Mint Regulations and Coinage Acts. Currency deterioration: its causes, measures and remedies. Legal tender; the various systems prevailing in different countries. Methods of maintaining internal equivalence of legal tender moneys. Questions of monetary standard and valuation. Decimal coinage. Exchange Standard Currencies. Method of measuring variations in the value of money.

L.T. **Banking and the Money Market.**—The functions and economic significance of banking. The general structure and methods of English banking. The cheque system and the Clearing House. Banking investments. The Short Loan Fund. The Money Market: its fluctuations, periodic and other. The reserve and the discount rate. The regulation of the note-issue, and the Bank Acts. Comparison with foreign systems. Recent developments in English banking. General banking statistics. The foreign exchanges. Financial and commercial crises.

168. The Stock Exchange, Speculative Markets, and other Subjects connected with Banking, a course of nine lectures by Professor FOXWELL, on Tuesdays, at 6 p.m., in Summer Term, beginning 27th April. Fee, 12s. 6d.

Syllabus. The Stock Exchange and its relations with the banking system. Speculation and time dealings. Functions of the speculative dealer, and constitution of the speculative markets. The regulation of dealing. The great international money markets, and some modern problems and developments connected with them.

169. Banking, Descriptive and Theoretical, an advanced course of twenty lectures by Professor FOXWELL, on Tuesdays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 14th October, L.T. 20th January. Fee for the course, £1 1s.; Terminal Fee, 12s. 6d.

Syllabus. M.T. **Banking and the Money Market.**—The functions and economic significance of banking. The general structure and methods of the English banking system. The cheque and the Clearing. Banking investments. The Short Loan Fund and the Bill Market. The Regulation of the note-issue, and the Bank Acts. Foreign Issue System. Money Market Fluctuations, periodic and other.

L.T. **Banking and Allied Subjects.**—The Reserve Problem: its solution in various countries; the position in Great Britain. The new Federal Reserve system in the United States. Problems connected with the financing of Industry and Agriculture. Foreign methods compared with our own. Recent Developments in English banking. The Foreign Exchanges in Peace and in War. Financial Crises and Commercial Depressions.

In this course a general knowledge of currency and banking subjects will be assumed, such as would be possessed by students who had already attended courses Nos. 165, 167 and 168 above. The main purpose of the course will be to deal, more fully than is possible in the morning course, with those aspects of these subjects which may from time to time be of special interest, *e.g.*, with such questions as the financing of English industry and our overseas trade, the recent developments of banking in England and the United States, certain foreign exchange problems and the like.

It is proposed to give a similar course on Currency and Prices in the session 1920-21.

170. The History of Currency and Banking, with special reference to England, a course of thirty lectures, by Professor FOXWELL, on Tuesdays, at 7 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £1 11s. 6d. Terminal Fee, 12s. 6d.

Syllabus. M.T.—The monetary system in the Middle Ages. History of the English silver pound. The silver famine and the effects of the supplies from the American mines. The controversy on the export of bullion and the Act of 1663. The early goldsmith bankers and the rise of banking in England. The foundation and early history of the Banks of England, Scotland and Ireland. The recoinage of 1696. The guinea and its ratings. Sir Isaac Newton's reports on the currency. The recoinage of 1774. The restrictions on the tender of silver. Lord Liverpool's Report of 1805, and the adoption of the gold standard.

L.T.—The different developments of banking in England, Scotland and Ireland during the eighteenth century. The commercial expansion after 1763. The restriction of cash payments. The Bullion Committee. Lord Stanhope's Act. The resumption of cash payments, and the various currency proposals made in connection with it by Ricardo, Baring and Huskisson.

S.T.—The modifications of the privileges of the Bank of England, and the rise of the English joint stock banks. The Bank Acts of 1844 and 1845. Recent developments in Banking. The gold discoveries of 1848-50. The working of the French monetary system. The movement for metrical unification and international coinage. The Latin Monetary Union. The Battle of the Standards. The International Conferences and their result.

Throughout the course the attention of students will be specially directed to the study of important documents and to the sources of historical information generally.

171. Banking and Currency. Seminar by Professor FOXWELL. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

GILBART LECTURES.

The Gilbert Lectures in Banking will in future form part of the curriculum of the London School of Economics and Political Science. The lectures will continue to be given at King's College, however, until there is sufficient accommodation at the school for the very large audiences attending these lectures. Full particulars of the course in 1919-20 will be announced later.

LAW.

62 and 63. Commercial Law, a course of sixty lectures by Mr. LE QUESNE and Mr. PAGE, on Mondays and Fridays, at 6.30 p.m.

62. Commercial Law.—Part I.—Thirty lectures on Fridays, at 6.30 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with these lectures a class will be held at 7.30 p.m.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

(a) GENERAL PRINCIPLES OF THE LAW OF CONTRACTS, eleven lectures, beginning 3rd October. Fee, £1 1s.; for lectures only, 12s. 6d.

(b) NEGOTIABLE INSTRUMENTS, five lectures, beginning 16th January. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(c) BANKING AND GUARANTEE, five lectures, beginning 20th February. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(d) SALE OF GOODS, five lectures, beginning 30th April. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(e) AGENCY, four lectures, beginning 4th June. Fee, 12s. 6d.; for lectures only, 7s. 6d.

63. Commercial Law.—Part II.—Thirty lectures on Mondays, at 6.30 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with these lectures a class will be held at 7.30 p.m.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

(f) BANKRUPTCY, eleven lectures, by Mr. PAGE, beginning 6th October. Fee, £1 1s.; for lectures only, 12s. 6d.

(g) CARRIAGE BY LAND AND SEA, five lectures by Mr. LE QUESNE, beginning 19th January. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(h) MARINE INSURANCE, five lectures, by Mr. LE QUESNE, beginning 23rd February. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(i) COMPANY LAW, five lectures by Mr. LE QUESNE, beginning 26th April. Fee, 12s. 6d.; for lectures only, 7s. 6d.

(k) THE LAW OF PARTNERSHIP, four lectures by Mr. LE QUESNE, beginning 7th June. Fee, 12s. 6d.; for lectures only, 7s. 6d.

186. The Law of Carriage by Railway, a course of twenty lectures by Mr. W. VALENTINE BALL, on Wednesdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

I. The Carriage of Goods.—The rights and liabilities of the common carrier. The Carriers Act. The Railway and Canal Traffic Act, 1854. Special contracts of carriage. The ordinary conditions of a consignment note. Stoppage *in transitu*. Through traffic. Rights and liabilities after completion of transit. Rates. Recovery of charges. Animals. Passengers' luggage. Reasonable facilities. Undue preference.

II. The Carriage of Persons.—Responsibility for the safety of passengers and others. Negligence and contributory negligence. The contract with the passenger. The ticket and the time-table. Through tickets. Bye-laws and offences.

71. International Law (War and Neutrality), a course of thirty lectures by Professor PEARCE HIGGINS, on Mondays, at 3.30 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with this course Professor PEARCE HIGGINS will hold a class on Mondays at 4.30 p.m.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. M.T.—The Law of Nations Concerning War.—I. Introduction. Settlement of State Differences without War.—Negotiation. Good Offices. Mediation. Arbitration. The League of Nations Tribunal. Retorsion. Reprisals. Pacific blockade. Intervention. II. War.—Characteristics of War. Causes, kinds, and ends of war. So-called laws of war. Region of war. The belligerents. The armed forces of the belligerents. Enemy character. Commencement of war. Effects of outbreak of war. III. Warfare on Land.—Violence against enemy persons. The wounded and the dead. Captivity. Appropriation and utilisation of public and private enemy property. Requisitions and contributions. Destruction of enemy property. Assault, siege, and bombardment. Espionage, treason, ruses. Occupation of enemy's territory.

L.T.—The Law of Nations Concerning War (continued).—IV. Warfare on Sea.—Attack and seizure of enemy vessels. Appropriation and destruction of enemy merchantmen and their goods. Violence against enemy persons. The wounded and the shipwrecked. Espionage, treason, ruses. Requisitions. Contributions. Bombardment. V. Non-Hostile Relations of Belligerents.—Passports. Safe-conducts. Safeguards. Flags of Truce. Cartels. Capitulations. Armistices. VI. Means of Securing Legitimate Warfare.—Complaints, good offices, mediation, and intervention. Reprisals. Punishment of war crimes. Taking of hostages. VII. End of War.—Simple cessation of hostilities. Conquest and subjugation. Treaty of peace. Effects of treaty of peace. Performance of treaty of peace. Postliminium.

S.T.—The Law of Nations Concerning Neutrality.—I. Neutrality in General.—Development of the institution of neutrality. Characteristics of neutrality. Kinds of neutrality. Commencement and end of neutrality. II. Relations between Belligerents and Neutrals.—Rights and duties deriving from neutrality. Neutrals and military operations. Neutrals and military preparations. Neutral asylum to soldiers and naval forces. Neutral supplies and loans to belligerents. Neutral maritime services to belligerents. Violation of neutrality. Right of Angary. III. Blockade.—Strategic and commercial, outwards and inwards. Establishment of blockade. Effectiveness of blockade. Breach of blockade. IV. Contraband.—What articles are contraband. Carriage of contraband. Penalty of contraband. Unneutral Service. V. Visitation, Capture, and Trial of Neutral Vessels.—Right of visitation. Mode of visitation. Resistance against visitation. Irregularities regarding ship-papers. Capture. Trial of captured neutral vessels by prize courts.

72. **International Law (Peace)**, a course of thirty lectures by Professor PEARCE HIGGINS, on Fridays, at 8 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course Professor PEARCE HIGGINS will hold a class on Fridays, at 7 p.m., beginning 10th October.

Fee, Sessional, £2 12s. 6d.; Terminal, £1 1s.

Fee for lectures only, Sessional, £1 11s. 6d.; Terminal, 12s. 6d.

Syllabus. M.T.—The Law of Nations Concerning its Subjects.—I. Introduction.—Nature, basis, sources, dominion, codification, and science of international law. Its historical development. The League of Nations. II. States as Subjects of the Law of Nations.—Conception of State and of sovereignty. Recognition. Changes in condition of States. Extinction and succession of States. States in personal and in real union. Confederated and federal States. Suzerain and vassal States. States under protection. Neutralised States. III. Characteristics of States within the Family of Nations.—Personality Equality. Rank and titles. Independence. Territorial and personal supremacy. Dignity. Intercourse. Intervention. The Monroe doctrine. The Drago doctrine. IV. Responsibility of States.—International delinquencies. Responsibility for acts of State organs and of private individuals.

L.T.—The Law of Nations Concerning its Objects.—I. State Territory.—Conception. Kinds and parts of territory. Rivers. Landlocked seas. Canals. Marginal belt of sea. Gulfs and bays. Straits. Boundaries of territory. State servitudes. Modes of acquiring territory. Session. Occupation. Accretion. Conquest and subjugation. Prescription. Loss of territory. II. The Open Sea.—Historical development. Conception of open sea. The freedom of the open sea. Jurisdiction. Piracy. Fisheries. Telegraph cables. Verification of flag, visit, search. III. Individuals.—Position of individuals in international law. Nationality. Naturalisation. Double and absent nationality. Reception, treatment, expulsion of foreigners. Right of asylum. Extradition.

S.T.—The Law of Nations Concerning International Transactions and the Organs by which they are Conducted.—I. Heads of States.—Monarchs, Presidents of Republics. Foreign offices. II. Diplomatic Envoys.—The institution of legation and diplomacy. Right of legation. Kinds, classes, appointment, reception of diplomatic envoys. Their functions and position, their inviolability and extraterritoriality. The retinue of envoys. Termination of diplomatic mission. III. Consuls.—Consular organisation. Appointment, functions, position, privileges of consuls. Termination of consular office. Consuls in non-Christian States. IV. Miscellaneous Organs.—Armed forces in foreign territory and men-of-war in foreign waters. Agents without diplomatic character. International Commissions. International offices. The Hague Court of Arbitration. V. International Transactions.—Negotiations, congresses, and conferences. Character and functions of treaties, their subjects and objects, their form and parts. Ratification. Expiration, dissolution, voidance, cancellation of treaties. Law-making treaties. Alliances. Treaties of guarantee and protection. General treaties concerning common non-political interests.

73. **International Law**. Seminar by Professor PEARCE HIGGINS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

74. **International Labour Legislation**, a course of three lectures by Professor SIR JOHN MACDONELL, on Thursdays, at 5.30 p.m., in Michaelmas Term, beginning 20th November. Open to the public without fee.

These lectures are given at the London School of Economics and Political Science with the approval of the Senate and by arrangement with the Council of University College.

TRANSPORT.

176. **The Geography of the Railways and Seaports of Asia**, a course of ten lectures by Professor SARGENT, on Thursdays, at 6.15 p.m., in Michaelmas Term, beginning 9th October. Fee, £1 1s.

Railway students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The lectures will deal with the distribution of the main Railway Systems of Asia and Asia Minor in relation to the physical features and economic activity of the areas which they serve, the location of lines and critical points and the geographical aspect of problems of competition. Ports and waterways will be discussed both in relation to railways and their natural and actual hinterlands, and in relation to the shipping and trade of the sea routes of which they form the terminal points.

The lectures will be illustrated by photographs and specially drawn maps shown in the Episcopo.

177. **Railway Rates and Fares**, a course of ten lectures by Mr. STEPHENSON, on Wednesdays, at 6.15 p.m., in Michaelmas Term, beginning 8th October. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Early History. Comparison with Roads and Canals. Rates for Traffic by Goods Train—Maximum Rates and Charges for Conveyance and for Terminals. Classification of Merchandise Traffic. Class Rates. Special Rates. Local, Through and Group Rates. Rates for Traffic by Passenger Train.—Milk Traffic. Perishable Merchandise. Parcels Traffic. Owners' Risk. Newspapers. Horses and Carriages. Passenger Fares.—Ordinary. Duty on Passenger Fares. Tourist. Excursion. Week-end. Pleasure Parties. Season and Traders' Tickets. Workmen's Tickets.

178. The Railway System as a Wealth-creating Machine, a course of ten lectures by Mr. BURTT, on Tuesdays, at 6.15 p.m., in Lent Term, beginning 20th January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The Railway Service.—The greatest of all national services. The meaning of Service. A great organisation for the creation of values. The Romance of the Service.—Grades and ranks; from office boy to President of the Road. The General Manager. The Necessary Routine of a Large System. The Various Grades of Railway Service.—Examine Census Returns sent to Board of Trade. Functions of each principal grade. Hours, Wages, and Conditions. Drivers and Locomotives.—Difference between freight and passenger engines. Loads and speeds. Daily and yearly mileage of engines. The Railway Train and its Conductors or Guards.—The daily journal of a passenger or goods guard. Attaching and detaching vehicles. Signals and Signalmen.—Single and double lines. Block working. Automatic safety appliances. The Station Master and the Goods Agent. Organisation of a Goods Warehouse.—Functions of checkers, loaders, porters, capstanmen.

179. The History of Transport in England, with special reference to Railways, a course of ten lectures by Mr. CLEVELAND-STEVENS, on Fridays, at 6 p.m., in Lent Term, beginning 16th January. Fee, 12s. 6d.

Syllabus. Transport conditions in the 18th century. The roads and the turnpike system. The canal era; Brindley and the Duke of Bridgewater; the Liverpool and Manchester and the Grand Trunk Canals. Canal profits and speculation. Scientific road-making by Telford and Macadam. Turnpikes an obstacle to improvements. Their decline and abolition. Early railways and the introduction of the locomotive engine. The Stockton and Darlington and the Liverpool and Manchester Railways. Progress and speculative promotion in the forties; the railway mania and crisis. Decline of the canals. Formation and growth of the great railway companies of to-day. The Railway Clearing House. Railway and canal legislation. Parliament's attitude to questions of amalgamation and rates. Competition and combination—the present position. Review of transport systems abroad; varying forms of nationalisation and control and their applicability to English conditions and to a Parliamentary system of Government.

180. The Principal Factors in Railway Operating, a course of twenty lectures by Mr. BURTT, on Wednesdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The Gross Train Load. The Freight Train Load. The Passenger Train Load. The Passenger Car Load. The Capacities and Limitations of Locomotives. Train Speeds. The Guard's Journal. The Driver's "Ticket." Wagons and Tares. The Wagon Load. The Yard Master and his Staff. Trans-shipping Problems; Local and Through Working of

Wagons. The Principle of Control in Train Working. Train Masters and the Train Control System. Wagon Control. Distribution of Locomotive Power. The Organisation of a Goods Warehouse. Labour Saving Devices Generally. Safety Appliances and Automatic Devices. Principles of Signalling. Single Line Working. American Train Loads. Can English Train Loads be Increased with Advantage?

181. The Commercial Side of Railway Economics, a course of twenty lectures by Mr. STEPHENSON, on Fridays, at 8 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd October, L.T. 16th January. Fee, £2 2s.

Students attending this course may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Organisation. Capital and Expenditure. Gross and Net Receipts. Analysis of a Railway Report. Growth of passenger traffic. Passenger Fares. Season Tickets. Workmen's Tickets. Goods rates. Theory of Railway Rates. Rate Making in Practice. Maximum rates and charges. Special rates. Discrimination. Classification of Goods. Railway Clearing House. State control of rates. Competition. Traffic Pools. State ownership of railways.

182. The Basis of Railway Rates and Charges, a course of twenty lectures by Mr. BURTT, on Thursdays, at 8 p.m., in Michaelmas and Lent Terms, beginning M.T. 2nd October, L.T. 15th January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Various Theories. Equal mileage; the basis of cost; "what the traffic will bear"; the maintenance of Geographical advantage. Classification of Traffic.—History of Legislation; the Statutory and the Clearing House Classification. Parliamentary Maxima and actual Scale Rates. The Provisional Orders of 1891 and 1892.—Class Rates and Special Rates. Terminal Charges as distinguished from Conveyance Rates. Parcels and Coaching Traffic. Scales and Rates. The Parcel Post System. The Railway Clearing House. Passenger Fares.—The History of penny-a-mile fares; fares on the Continent. Excursion fares, pleasure parties, kilometer books, zone fares and other special arrangements. Freight Rates in America.—Problems of Undue Preference or "Discrimination." The Long and the Short Haul. Export and Import Rates. American Zones and Continental arrangements. The "Blanket" Rate System irrespective of distance. The Inter-State Commerce Commission. Continental Arrangements in regard to Freight Rates. A comparison of arrangements—America, England, Germany.

183. Economics of Railway Construction and Locomotive Operation, a course of twenty lectures by Mr. STEPHENSON, on Mondays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 19th January. Fee, £2 2s.

Students attending this course may write essays for the lecturer.

Syllabus. Railway Construction.—Estimation of volume of traffic; situation of stations in relation to sources of traffic. Distance.—Relation of distance to cost of construction, maintenance of way and equipment, and traffic working; effect of distance on rates and receipts. Curvature.—General objections to curvature; risk of accident; effect on traffic; limitation of speed; effect on operating expenses; maintenance of way and rolling stock; estimate of total effect per degree of central angle; compensation for curvature; transition curves. Gradients.—Effects of gradients; meaning of "rise and fall"; classification of minor gradients; their effect on cost of maintenance of permanent way, rolling stock, and operating traffic; ruling gradients; maximum trainloads on any gradient; effect on cost of conducting transportation; pusher gradients; balancing

adients for unequal traffic. **Rails.**—Rail wear; rail wear on curves. **Sleepers.**—Causes of deterioration; effect of chemical treatment; comparison of sleepers of different materials. **Locomotive Operation—Inertia.**—Starting and stopping; centrifugal force on curves. **Steam Action.**—Work of Steam; quantity of steam. **Resistance.**—Rail friction; rolling friction; journal friction; train resistance; journal resistance; wind resistance; speed resistance; grade resistance; curve resistance. **Brakes.**—Retardation by brakes; power consumed. **Steam Capacity.**—Heating surface; grate area; maximum horse power. **Hauling Capacity.**—Tractive force at low and high speeds; loads of goods engines at low and high speeds: starting and stopping. **Water Consumption.**—Quantity of water used; carriage of water; water scoops; quality of water. **Fuel Consumption.**—Quantity of coal used; effect of load and speed. **Costs of Operation.**—Compared with traffic work done.

No more mathematics will be included in the course than are essential.

184. The Railways in relation to the State, a course of twenty lectures, by Mr. BURTT, on Wednesdays, at 4.30 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending the lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. What we mean by Nationalisation. The idea of the Nation, the State, etc. Railways and the Commonwealth. Railway Systems in various Countries. Belgium—development of Railways and State ownership. Holland—State ownership, independent management, but united control. Germany—The classic example of State ownership and Management; history and development. Organisation and Regulation of the German Railway System; results. Austria-Hungary and her Railway System. State Railways in Italy; history and present position. France and the principle of State Control. Switzerland—Nationalisation. Railways in America; State and Federal Control, but private ownership. The regulation of railway rates in America and the Interstate Commerce Commission. State intervention in England; the Board of Trade; the Railway and Canal Traffic Commission; provision of adequate facilities; safety appliances; hours and conditions of Railway Servants. The relationships between Railway and State in Australia, Canada, India and China.

185. European Railways, a course of twenty lectures by Mr. STEPHENSON, on Fridays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd October, L.T. 16th January. Fee, £2 2s.

Students attending this course may write essays for the lecturer, and an examination will be held at the end of the course

Syllabus. A comparative study of the railways of Germany, France, Austria-Hungary, Belgium and Italy. **EARLY HISTORY.**—Part played by private enterprise. State assistance. State construction and working. **GROWTH OF THE GREAT RAILWAY SYSTEMS.**—Increase in State ownership. International traffic. Competition. State control over privately owned railways. Advisory councils. Taxation of railways. Railway profits in relation to capital cost. **GOODS TRAFFIC.**—Goods tariffs. Classifications. Regulations for carriage. Special rates. Preferences to export traffics. Regulation of rates competitive with inland water transport rates. Cartage. Other extra-railway services. Periods for transport. **PASSENGER TRAFFIC.**—Passenger fares. Ordinary. Special. Passenger train services. Parcels traffic.

187. General Economics, with special reference to Transport, a course of ten lectures by Mr. STEPHENSON, on Fridays, at 4.30 p.m., in Michaelmas Term, beginning 3rd October. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Introduction.—Subject matter of Economics; Methods of Economics; Application to Railways and Shipping. **The Demand for Commodities and Services.**—Law of Diminishing Utility; Individual and Market Demands; Elasticity of Demand with special reference to Transport services; Joint character of an Individual's Demands. **Agents of Production.**—Land, Labour, Capital, Organising Power. **Law of Decreasing Returns.**—Application to Labour; Application to a railway undertaking when the capacity of a line is reached; Overcrowding and Congestion. **Law of Increasing Returns.**—Economics of large scale production; Growth in Density of Traffic; Development of Subsidiary Industries, e.g., Docks, Hotels, etc., owned by railway company; Limitations to the Law; Joint Products. **Industrial Combinations.**—Causes of Railway Combinations; Types of permanent combinations; Types of temporary combinations; Associations to further Common Interests, e.g., Railway Clearing House and Railway Conferences; Effects of Railway Combinations on companies outside the combinations and on the General Public; Shipping Rings. **Determination of Prices.**—Under competitive and monopoly conditions; Definition of value; Market price; long-period and short-period prices, e.g., Class Rates and Special Rates for particular Contracts; Uniform and Differential charges as exemplified by railway rates; Cost of supplying Railway services as a factor influencing their prices; Demand for Railway services as a factor influencing their prices.

188. Passenger Transport in Great Cities, a course of ten lectures by Mr. STEPHENSON, on Wednesdays, at 6.15 p.m., in Lent Term, beginning 21st January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The problem of transporting the worker between place of business and home; other business travel; pleasure travel; growth of travel habit. The means of travel; railways; tramways; omnibuses; taxi-cabs. The road problem. Capital costs. Private enterprise. Municipal enterprise. Municipal participation in private enterprise. Services; fares; operating costs; taxation. The problems as they appear in London, Paris, Berlin, New York, and certain other great cities will be compared.

189. Seminar for advanced students by Mr. STEPHENSON. Times to be arranged with students. Admission to the Seminar will be exclusively by permission of Mr. Stephenson.

Open to students paying either the Composition Fee or the Research Fee.

GEOGRAPHY.

82. Geography, a general course for the Intermediate Examination, by Major JONES and Miss RODWELL JONES, on Tuesdays, from 11 a.m. to 1 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £2 12s. 6d. Terminal Fee, £1 1s.

Syllabus. M.T.—Asia. The first half of the term will be given to India, which country will be treated as a type for the explanation of fundamental principles.

L.T.—The first six lectures will be allotted to the Southern Continents, and the last five to North America, which will be treated in greater detail.

S.T.—Europe and the Mediterranean.

The treatment of each division of the world will be physical from the regional point of view, with economic applications. The students will be required to provide themselves with certain cheap maps and diagrams, particulars of which will be given from time to time by the lecturer.

Students attending this course are strongly urged to provide themselves with Diercke's Schulatlas (published by Westermann), or failing this Bartholomew's Student's Atlas.

The above course will be repeated on Wednesdays, from 6 to 8 p.m., beginning 8th October, for evening students.

87. The Peace Treaty in the Light of Economic Geography, a course of three lectures by Professor SARGENT, on Fridays, at 6 p.m., in Lent Term, beginning 6th February. Fee, 5s.

88. The Railways and Seaports of North America, a course of three lectures by Professor SARGENT, on Wednesdays, at 3 p.m. in Summer Term, beginning 12th May. Fee, 5s.

93. The British Empire under the New Conditions of the World, a course of five lectures by Mr. MACKINDER, at 11 a.m. on Saturdays, 18th and 25th October; 8th, 15th and 22nd November in Michaelmas Term. Fee, 7s. 6d.

Lists of books recommended for reading in connection with most of the above courses will be found in the School Calendar on pp. 32-83.

To the SECRETARY,

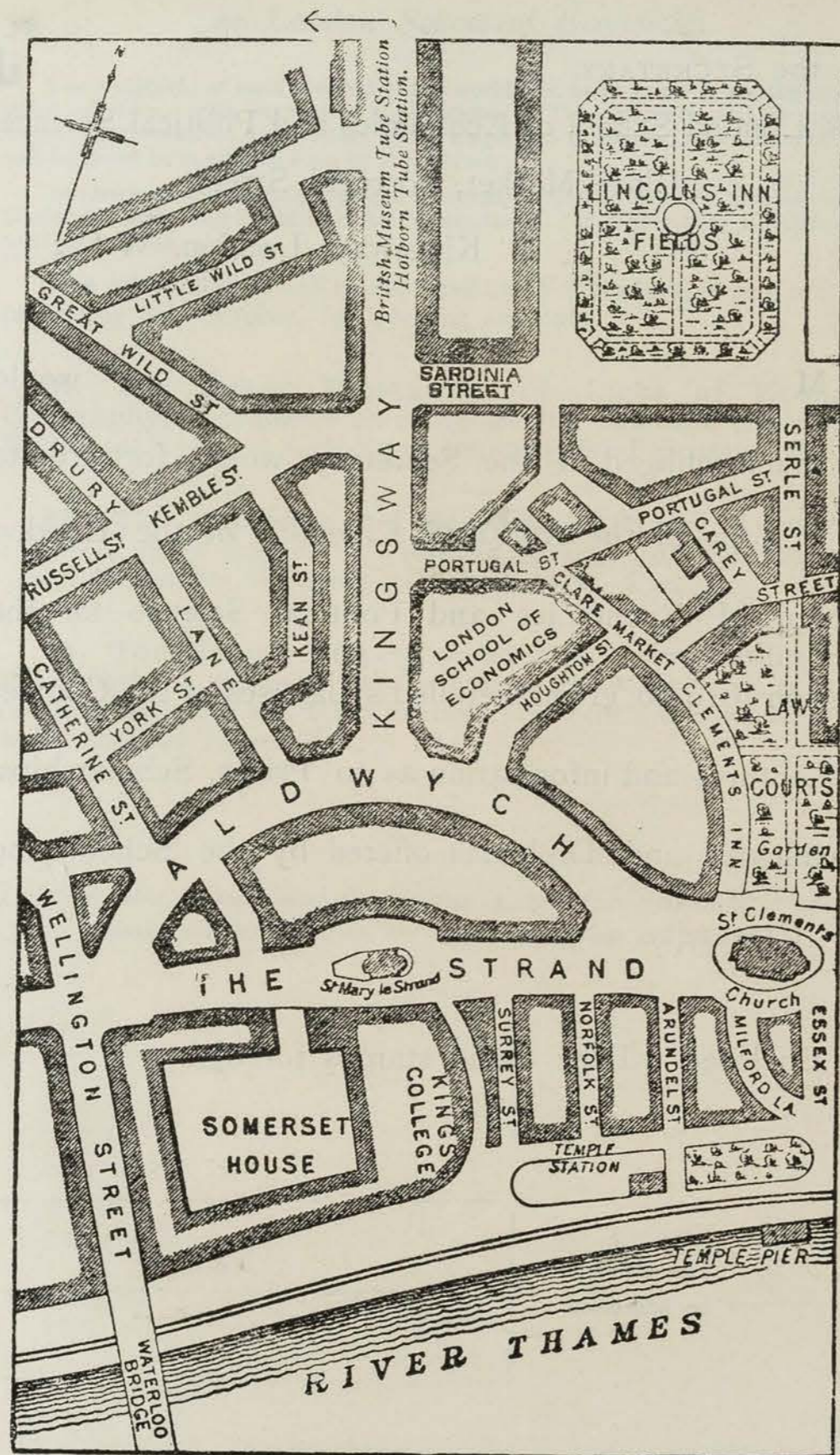
The London School of Economics and Political Science,
Clare Market, Portugal Street,
Kingsway, London, W.C.2

M _____ would
be much obliged if the Secretary would forward to
^{him}_{her} a copy of the Abridged Calendar of the London
School of Economics and Political Science for the
Session 1919-20, giving detailed syllabuses of the Courses
of Lectures and information as to Prizes, Scholarships,
Certificates and Diplomas offered by the School and
the University.

Enclosed will be found stamps for 8½d.

The Calendar to
be addressed to

(Date) _____



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LECTURES AND CLASSES
ON
RAILWAY
AND COGNATE SUBJECTS.

SESSION 1919-20.

THE WORK OF THE SCHOOL.

The work of the School is arranged in the following groups, some of which are appropriate for University Honours in the Faculties of Arts, Laws, and Economics, and some for Professional, Commercial, and Administrative purposes. Specially to be noted is the Ratan Tata Department of Social Science and Administration of the University of London, located at the School, which, in addition to theoretical training, affords to the student unique opportunities for gaining practical experience in different kinds of social work.

The references are to the pages of the Calendar of the School.

- a. ECONOMICS (*see pp. 32—37*).
- b. POLITICS AND PUBLIC ADMINISTRATION (*see pp. 38—42*).
- c. HISTORY (*see pp. 43—47*).
- d. LAW (*see pp. 48—55*).
- e. GEOGRAPHY (*see pp. 56—59 and 88*).
- f. ETHNOLOGY (*see pp. 60—61*).
- g. SOCIOLOGY (*see pp. 62—63*).
- h. SOCIAL SCIENCE AND ADMINISTRATION (*see pp. 64—66 and 89—90*).
- j. COMMERCE AND INDUSTRY (*see pp. 67—70*).
- k. ACCOUNTING AND BUSINESS METHODS (*see pp. 71—73*).
- l. BANKING (*see pp. 74—77*).
- m. TRANSPORT (*see pp. 78—83*).

And in addition

1. The Undergraduate Courses of the University of London *see pp. 92—113*.
2. The Department of Graduate Study and Research (*see p. 113*).
3. The Special Courses of Commercial Training for ex-Service Students (*see pp. 85—87*).

For full particulars see the Calendar of the School, price 6d.; by post, 8½d.

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE. (UNIVERSITY OF LONDON.)

CHAIRMAN OF THE GOVERNORS:
Sir ARTHUR STEEL-MAITLAND, Bart., M.P.

ADVISORY COMMITTEE OF GOVERNORS ON RAILWAY
SUBJECTS:

- Lt. Col. Sir CHARLES J. OWENS, C.B. (*Chairman*).
Mr. W. M. ACWORTH.
Sir FRANCIS DENT, General Manager, S.E. & C.R.
Sir SAM FAY, General Manager, G.C.R.
WILLIAM GARNETT, M.A., D.C.L.
Sir GEORGE S. GIBB, late Managing Director of the Underground
Electric and Metropolitan District Railways.
Sir HERBERT A. WALKER, K.C.B., General Manager, L. & S.W.R.
The MEMBERS of the Council of Management.

DIRECTOR:

Sir WILLIAM H. BEVERIDGE, K.C.B., M.A., B.C.L.

LECTURERS ON RAILWAY AND COGNATE SUBJECTS FOR
THE SESSION 1919-20.

- W. VALENTINE BALL, O.B.E., M.A., Cantab.; Barrister-at-Law.
*A. L. BOWLEY, Sc.D., F.S.S., Trinity College, Cambridge; Professor of Statistics in the University of London.
PHILIP BURTT, formerly Deputy-Manager of the North-Eastern Railway.
HUGH DALTON, M.A., King's College, Cambridge; Barrister-at-Law of the Middle Temple; Hutchinson Research Student of the London School of Economics and Political Science, 1911.
*LAWRENCE R. DICKSEE, M.Com., F.C.A., Professor of Accounting and Business Organisation in the University of London.
*LILIAN KNOWLES, Litt.D., Dublin; Hist. Tripos and Law Tripos, Girton College, Cambridge; Reader in Economic History in the University of London.
Bt. Lt. Colonel W. A. J. O'Meara, C.M.G., M.Inst.C.E.; M.I.E.E., late Royal Engineers; Barrister-at-Law of the Inner Temple.
Lieut.-Col. F. R. M. DE PAULA, O.B.E., F.C.A.
*A. J. SARGENT, M.A., Brasenose College, Oxford; Professor of Commerce in the University of London.
*W. TETLEY STEPHENSON, B.A., St. Catharine's College, Cambridge; late Statistical Officer of the London Underground Railways and the London General Omnibus Co.; formerly of the North-Eastern Railway; Lecturer at the City and Guilds Engineering College.

* Member of the Faculty of Economics and Political Science in the University of London.

LONDON UNIVERSITY
DEGREES OF B.Sc. (Econ.) or B.Com.
WITH HONOURS IN TRANSPORT.

ON all hands it is recognised as desirable that young men should be incited to an intellectual interest in their daily work. A practical difficulty, however, lies in the reconciliation of study with the necessity, according to general experience, of entering upon business at an early age.

To meet this difficulty the University of London has organised a curriculum—leading up to a degree if that be desired—of such a character that daily work in the office, when supplemented by the best attainable instruction, shall be accepted as equivalent to the laboratory work of the student of natural science or the library work of the literary student. In other words, the intention is to obtain the advantages of intellectual culture by the co-ordinated practical and theoretical study of subjects which are the life of the business man.

One of the alternatives in the curriculum for the B.Sc. (Econ.) is defined as the "History, Theory, and Present Organisation of Transport." It is proposed to organise at the London School of Economics and Political Science, in connection with the University and with the support of eight of the leading Railway Companies, a complete course of instruction in these subjects, which are the same as those forming the group recommended for students engaged in railway undertakings who prefer to work for the new degree of B.Com.

Although the great majority of students attending the courses on Transport will not aspire to a degree, there are likely to be a few who will wish to do so. These should in every case consult the Director of the School, but the following notes may be useful by way of preliminary information.

As a first step to a degree the student must matriculate. Three Matriculation Examinations are held annually, in January, June, and September. The subjects of examination are: (1) English, (2) Elementary Mathematics, (3) a Language, either ancient or modern, and (4) two other subjects to be selected from a list given in the *University Calendar*. Certain public examinations are accepted by the University instead of the Matriculation Examination and special concessions are being granted to ex-service students.

The Intermediate Examination may be taken a year after matriculation, and the Final Examination three years thereafter.

SESSION 1919-20.

The Lectures on Railway and Cognate subjects will begin on Thursday, 2nd October.

COURSES ON RAILWAY SUBJECTS.

(Numbered as in the Calendar of the School.)

INAUGURAL LECTURE.

175. Railway Professional Education, a lecture by Mr ACWORTH, on Thursday, 2nd October, at 6.15 p.m. The Right Hon. Sir ERIC GEDDES, G.C.B., G.B.E., M.P., Minister of Transport, in the Chair. Open to the public without fee.

INTRODUCTORY LECTURES.

176. The Geography of the Railways and Seaports of Asia, a course of ten lectures by Professor SARGENT, on Thursdays, at 6.15 p.m., in Michaelmas Term, beginning 9th October. Fee, £1 1s.

Railway students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The lectures will deal with the distribution of the main Railway Systems of Asia and Asia Minor in relation to the physical features and economic activity of the areas which they serve, the location of lines and critical points and the geographical aspect of problems of competition. Ports and waterways will be discussed both in relation to railways and their natural and actual hinterlands, and in relation to the shipping and trade of the sea routes of which they form the terminal points.

The lectures will be illustrated by photographs and specially drawn maps shown in the Episcopo.

177. Railway Rates and Fares, a course of ten lectures by Mr. STEPHENSON, on Wednesdays, at 6.15 p.m., in Michaelmas Term, beginning 8th October. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Early History. Comparison with Roads and Canals. Rates for Traffic by Goods Train.—Maximum Rates and Charges for Conveyance and for Terminals. Classification of Merchandise Traffic. Class Rates. Special Rates. Local, Through and Group Rates. Rates for Traffic by Passenger Train.—Milk Traffic. Perishable Merchandise. Parcels Traffic. Owners' Risk. Newspapers. Horses and Carriages. Passenger Fares.—Ordinary. Duty on Passenger Fares. Tourist. Excursion. Week-end. Pleasure Parties. Season and Traders' Tickets. Workmen's Tickets.

178. The Railway System as a Wealth-creating Machine, a course of ten lectures by Mr. BURTT, on Tuesdays, at 6.15 p.m., in Lent Term, beginning 20th January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The Railway Service.—The greatest of all national services. The meaning of Service. A great organisation for the creation of values. The Romance of the Service.—Grades and ranks; from office boy to President of the Road. The General Manager. The Necessary Routine of a Large System. The Various Grades of Railway Service.—Examine Census Returns sent to Board of Trade. Functions of each principal grade. Hours, Wages, and Conditions. Drivers and Locomotives.—Difference between freight and passenger engines. Loads and speeds. Daily and yearly mileage of engines. The Railway Train and its Conductors or Guards.—The daily journal of a passenger or goods guard. Attaching and detaching vehicles. Signals and Signalmen.—Single and double lines. Block working. Automatic safety appliances. The Station Master and the Goods Agent. Organisation of a Goods Warehouse.—Functions of checkers, loaders, porters, capstanmen.

179. The History of Transport in England, with special reference to Railways, a course of ten lectures by Mr. CLEVELAND-STEVENS, on Fridays, at 6 p.m., in Lent Term, beginning 16th January. Fee, £1 1s.

Syllabus. Transport conditions in the 18th century. The roads and the turnpike system. The canal era; Brindley and the Duke of Bridgewater; the Liverpool and Manchester and the Grand Trunk Canals. Canal profits and speculation. Scientific road-making by Telford and Macadam. Turnpikes an obstacle to improvements. Their decline and abolition. Early railways and the introduction of the locomotive engine. The Stockton and Darlington and the Liverpool and Manchester Railways. Progress and speculative promotion in the forties; the railway mania and crisis. Decline of the canals. Formation and growth of the great railway companies of to-day. The Railway Clearing House. Railway and canal legislation. Parliament's attitude to questions of amalgamation and rates. Competition and combination—the present position. Review of transport systems abroad; varying forms of nationalisation and control and their applicability to English conditions and to a Parliamentary system of Government.

ADVANCED LECTURES.

180. The Principal Factors in Railway Operating, a course of twenty lectures by Mr. BURTT, on Wednesdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The Gross Train Load. The Freight Train Load. The Passenger Train Load. The Passenger Car Load. The Capacities and Limitations of Locomotives. Train Speeds. The Guard's Journal. The Driver's "Ticket." Wagons and Tares. The Wagon Load. The Yard Master and his Staff. Trans-shipping Problems; Local and Through Working of Wagons. The Principle of Control in Train Working. Train Masters and the Train Control System. Wagon Control. Distribution of Locomotive Power. The Organisation of a Goods Warehouse. Labour Saving Devices Generally. Safety Appliances and Automatic Devices. Principles of Signalling. Single Line Working. American Train Loads. Can English Train Loads be Increased with Advantage?

181. The Commercial Side of Railway Economics, a course of twenty lectures by Mr. STEPHENSON, on Fridays, at 8 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd October, L.T. 16th January. Fee, £2 2s.

Students attending this course may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Organisation. Capital and Expenditure. Gross and Net Receipts. Analysis of a Railway Report. Growth of passenger traffic. Passenger Fares. Season Tickets. Workmen's Tickets. Goods rates. Theory of Railway Rates. Rate Making in Practice. Maximum rates and charges. Special rates. Discrimination. Classification of Goods. Railway Clearing House. State control of rates. Competition. Traffic Pools. State ownership of railways.

182. The Basis of Railway Rates and Charges, a course of twenty lectures by Mr. BURTT, on Thursdays, at 8 p.m., in Michaelmas and Lent Terms, beginning M.T. 2nd October, L.T. 15th January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Various Theories. Equal mileage; the basis of cost; "what the traffic will bear"; the maintenance of Geographical advantage. Classification of Traffic.—History of Legislation; the Statutory and the Clearing House Classification. Parliamentary Maxima and actual Scale Rates. The Provisional Orders of 1891 and 1892.—Class Rates and Special Rates. Terminal Charges as distinguished from Conveyance Rates. Parcels and Coaching Traffic—Scales and Rates. The Parcel Post System. The Railway Clearing House. Passenger Fares.—The History of penny-a-mile fares; fares on the Continent. Excursion fares, pleasure parties, kilometer books, zone fares and other special arrangements. Freight Rates in America.—Problems of Undue Preference or "Discrimination." The Long and the Short Haul. Export and Import Rates. American Zones and Continental arrangements. The "Blanket" Rate System irrespective of distance. The Inter-State Commerce Commission. Continental Arrangements in regard to Freight Rates. A comparison of arrangements—America, England, Germany.

183. Economics of Railway Construction and Locomotive Operation, a course of twenty lectures by Mr. STEPHENSON, on Mondays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 19th January. Fee, £2 2s.

Students attending this course may write essays for the lecturer.

Syllabus. Railway Construction.—Estimation of volume of traffic; situation of stations in relation to sources of traffic. Distance.—Relation of distance to cost of construction, maintenance of way and equipment, and traffic working; effect of distance on rates and receipts. Curvature.—General objections to curvature; risk of accident; effect on traffic; limitation of speed; effect on operating expenses; maintenance of way and rolling stock; estimate of total effect per degree of central angle; compensation for curvature; transition curves. Gradients.—Effects of gradients; meaning of "rise and fall"; classification of minor gradients; their effect on cost of maintenance of permanent way, rolling stock, and operating traffic; ruling gradients; maximum trainloads on any gradient; effect on cost of conducting transportation; pusher gradients; balancing gradients for unequal traffic. Rails.—Rail wear; rail wear on curves. Sleepers.—Causes of deterioration; effect of chemical treatment; comparison of sleepers of different materials. Locomotive Operation—Inertia.—Starting and stopping; centrifugal force on curves. Steam Action.—Work of Steam; quantity of

steam. **Resistance.**—Rail friction; rolling friction; journal friction; train resistance; journal resistance; wind resistance; speed resistance; grade resistance; curve resistance. **Brakes.**—Retardation by brakes; power consumed. **Steam Capacity.**—Heating surface; grate area; maximum horse power. **Hauling Capacity.**—Tractive force at low and high speeds; loads of goods engines at low and high speeds; starting and stopping. **Water Consumption.**—Quantity of water used; carriage of water; water scoops; quality of water. **Fuel Consumption.**—Quantity of coal used; effect of load and speed. **Costs of Operation.**—Compared with traffic work done.

No more mathematics will be included in the course than are essential.

184. The Railways in relation to the State, a course of twenty lectures, by Mr. BURTT, on Wednesdays, at 4.30 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending the lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. What we mean by Nationalisation. The idea of the Nation, the State, etc. Railways and the Commonwealth. Railway Systems in various Countries. Belgium—development of Railways and State ownership. Holland—State ownership, independent management, but united control. Germany—The classic example of State ownership and Management; history and development. Organisation and Regulation of the German Railway System; results. Austria-Hungary and her Railway System. State Railways in Italy; history and present position. France and the principle of State Control. Switzerland—Nationalisation. Railways in America; State and Federal Control, but private ownership. The regulation of railway rates in America and the Interstate Commerce Commission. State intervention in England; the Board of Trade; the Railway and Canal Traffic Commission; provision of adequate facilities; safety appliances; hours and conditions of Railway Servants. The relationships between Railway and State in Australia, Canada, India and China.

185. European Railways, a course of twenty lectures by Mr. STEPHENSON, on Fridays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd October, L.T. 16th January. Fee, £2 2s.

Students attending this course may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. A comparative study of the railways of Germany, France, Austria-Hungary, Belgium and Italy. **EARLY HISTORY.**—Part played by private enterprise. State assistance. State construction and working. **GROWTH OF THE GREAT RAILWAY SYSTEMS.**—Increase in State ownership. International traffic. Competition. State control over privately owned railways. Advisory councils. Taxation of railways. Railway profits in relation to capital cost. **GOODS TRAFFIC.**—Goods tariffs. Classifications. Regulations for carriage. Special rates. Preferences to export traffics. Regulation of rates competitive with inland water transport rates. Cartage. Other extra-railway services. Periods for transport. **PASSENGER TRAFFIC.**—Passenger fares. Ordinary. Special. Passenger train services. Parcels traffic.

186. The Law of Carriage by Railway, a course of twenty lectures by Mr. W. VALENTINE BALL, on Wednesdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 21st January. Fee, £2 2s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

I. The Carriage of Goods.—The rights and liabilities of the common carrier. The Carriers Act. The Railway and Canal Traffic Act, 1854. Special contracts of carriage. The ordinary conditions of a consignment note. *Stoppage in transitu.* Through traffic. Rights and liabilities after completion of transit. Rates. Recovery of charges. Animals. Passengers' luggage. Reasonable facilities. Undue preference.

II. The Carriage of Persons.—Responsibility for the safety of passengers and others. Negligence and contributory negligence. The contract with the passenger. The ticket and the time-table. Through tickets. Bye-laws and offences.

SPECIAL LECTURES.

187. General Economics, with special reference to Transport, a course of ten lectures by Mr. STEPHENSON, on Fridays, at 4.30 p.m., in Michaelmas Term, beginning 3rd October. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. Introduction.—Subject matter of Economics; Methods of Economics; Application to Railways and Shipping. **The Demand for Commodities and Services.**—Law of Diminishing Utility; Individual and Market Demands; Elasticity of Demand with special reference to Transport services; Joint character of an Individual's Demands. **Agents of Production.**—Land, Labour, Capital, Organising Power. **Law of Decreasing Returns.**—Application to Labour; Application to a railway undertaking when the capacity of a line is reached; Overcrowding and Congestion. **Law of Increasing Returns.**—Economics of large scale production; Growth in Density of Traffic; Development of Subsidiary Industries, e.g., Docks, Hotels, etc., owned by railway company; Limitations to the Law; Joint Products. **Industrial Combinations.**—Causes of Railway Combinations; Types of permanent combinations; Types of temporary combinations; Associations to further Common Interests, e.g., Railway Clearing House and Railway Conferences; Effects of Railway Combinations on companies outside the combinations and on the General Public; Shipping Rings. **Determination of Prices.**—Under competitive and monopoly conditions; Definition of value; Market price; long-period and short-period prices, e.g., Class Rates and Special Rates for particular Contracts; Uniform and Differential charges as exemplified by railway rates; Cost of supplying Railway services as a factor influencing their prices; Demand for Railway services as a factor influencing their prices.

188. Passenger Transport in Great Cities, a course of ten lectures by Mr. STEPHENSON, on Wednesdays, at 6.15 p.m., in Lent Term, beginning 21st January. Fee, £1 1s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

Syllabus. The problem of transporting the worker between place of business and home; other business travel; pleasure travel; growth of travel habit. The means of travel; railways; tramways; omnibuses; taxi-cabs. The road problem. Capital costs. Private enterprise. Municipal enterprise. Municipal participation in private enterprise. Services; fares; operating costs; taxation. The problems as they appear in London, Paris, Berlin, New York, and certain other great cities will be compared.

189. Seminar for advanced students by Mr. STEPHENSON. Times to be arranged with students. Admission to the Seminar will be exclusively by permission of Mr. Stephenson.

Open to students paying either the Composition Fee or the Research Fee.

COURSES ON SUBJECTS USEFUL TO RAILWAY STUDENTS, and specially recommended to their attention by the Advisory Committee on Railway Subjects.

157. Accounting and Business Methods (Part I.), a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Mondays, at 7 p.m., beginning M.T. 6th October, L.T. 19th January, S.T. 26th April.

In connection with this course a class will be held on Mondays, at 6 p.m., beginning 13th October. Fee, £2 12s. 6d.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Syllabus. M.T.—General introduction as to the nature, objects, and utility of bookkeeping. The nature of double-entry bookkeeping described and distinguished from single-entry. The distinction between Capital and Revenue, both as regards receipts and expenditure. The distinction between "fixed" and "floating" assets. The Trial Balance. The application of the principle of the Trial Balance to each of a series of Ledgers. Various methods of sectional balancing described, and the relative advantages of each explained. "Duplicate Posting." Check figures. Branch Accounts: their organisation and control from headquarters. Departmental Accounts.

L.T.—Consignment Accounts. Exportation and Importation. Foreign Currencies; their fluctuation in value, its causes and effect. The accounts of Foreign Branches, and the treatment of fluctuating currencies therein. Balance Sheets and Revenue Accounts; their various forms and uses. Systems of organisation and internal check. Prevention of fraud. Modern Systems of Bookkeeping. The Slip System, the Card System, the Loose-Leaf System; their application to both ledgers and books of first entry; their advantages and drawbacks.

S.T.—Tabular Bookkeeping. Joint Stock Companies' Accounts. Outline of the constitution of Joint Stock Companies. Procedure during various stages of a company's career. Opening entries; issue of capital; acquisition of properties. Calls. Transfers. Forfeiture of shares. Payment of dividends. Conversions. Reduction of capital, &c. Preparation for Audit and the Functions of Auditors. Partial Audits. The nature and utility of Periodical Returns.

158. Accounting and Business Methods (Part II.), a course of thirty lectures by Professor DICKSEE and Colonel DE PAULA, on Fridays, at 7 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

In connection with this course a class will be held on Fridays, at 6 p.m., beginning 10th October. Fee, £2 12s. 6d.

Only such students as are members of the class will be admitted to the examination at the end of the course.

Syllabus. M.T.—The Double-Account System described and compared with the Single-Account System: its suitability to various classes of undertakings discussed. Reserve Funds and Reserves: their nature and object. The Investment of Reserve Funds. Secret Reserves. Sinking Funds: their nature, object, and operation. The Depreciation of wasting assets: its nature and the various means by which it may be provided for. Goodwill: its nature and treatment in accounts. Profits: the various meanings attached to the term, and the method of arriving at true profits explained.

L.T.—Partnership Accounts. Income Tax; general outline of Income Tax law. Income Tax returns and assessments; the treatment of Income Tax in accounts. Executorship and Trust Accounts. Bankruptcy and Insolvency Accounts.

S.T.—Liquidation Accounts. The Reconstruction of Companies. Stock Accounts. Stores Accounts. Cost Accounts. Public Accounts. Local Authorities' Accounts. The Accounts of Charitable Institutions. Hire Purchase Agreements. The Interpretation of Accounts.

159. Cost Accounts and Efficiency Methods, a course of ten lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Michaelmas Term, beginning 15th October. Fee, 12s. 6d.

Syllabus. Cost Accounts, their nature and treatment. Efficiency, what it is, and how it should be sought.

160. Business Organisation, a course of nineteen lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Lent and Summer Terms, beginning L.T. 21st January, S.T. 28th April. Fee £1 1s.

Syllabus. L.T.—The Basis of Business Organisation. The constitution of business houses. The genesis of business enterprise. The financial basis of business undertakings. The elements of finance. Overtrading. Cycles of trade. Business statistics. The organisation of control and responsibility. The connection between records and results. The remuneration of employees. Promotions and Pensions.

S.T.—Markets and Exchanges. Import and Export. Salesmanship. Advertising. The science of buying. Credit operations. Methods of collecting. Co-operation, Profit-sharing, and Industrial Co-partnership, and their bearing upon efficiency. Speculation and its relation to legitimate business. Insurance. The organisation of expanding, contracting, stationary and temporary (or emergency) undertakings.

161. Elements of Administration and the Principles of Organisation, a course of ten lectures by Colonel O'MEARA, on Mondays, at 8 p.m., in Michaelmas Term, beginning 13th October. Fee, 12s. 6d.

Syllabus. Definitions and Explanations of terms: Administration; Management; Organisation. The problems connected with governmental, commercial and industrial enterprises: the six functions in every enterprise. Methods of Administration: the Bureau system; the College or Board system; types of College or Board system; characteristics of the various systems. Bases of Administration: familiarity with methods; appreciation of uses and limiting capacities of machines; the art of handling men. Principles of Administration: a steadfast policy; unity of purpose; division of labour; centralisation of control; decentralisation of execution; the "chain of command"; "liaison" within the organisation; support of subordinate authority; maintenance of discipline; encouragement of initiative; responsibility with accountability; permanency of employment; equitable treatment of employees; regard for social welfare of employees. Constituents of Administration: foresight; direction; organisation; co-ordination; control. Tools of Administration: "standing" instructions; the bulletin or circular; the Staff Magazine; "standing" committees or councils of employees; Staff conferences; the personal interview; correspondence; the telegraph and the telephone; card index and filing systems; clerical and accounting labour-saving devices; time-recording and cash-register machines; directories and other standard works of reference; periodicals and current literature relating to and connected with the administrative aspects of commerce and industry; the newspaper and periodicals "cuttings" book. Efficiency in Administration: the personality of the Chief and the Sub-Chiefs; the skill and loyalty of the employees; utilisation of diagrams, records, statistics, accounts, electric signalling apparatus and machines promoting comfort of employees; chronometrage; system. Principles of Organisation: the fundamental rules. Types of Organisation: early models; the "military" or territorial model; the functional model; examples of governmental, municipal, commercial and industrial organisations. Divisions and Sub-divisions in Staff Organisation: the compartments or "horizontal" divisions in an undertaking or enterprise: the "employments" sub-divisions or

"vertical" groups in an undertaking or enterprise; the central or "planning" office; functional foremen; standard tasks; the tool department; classification and symbolisation.

55. Economic History: The Growth of English Industry, with special reference to the period after 1760, a course of thirty lectures by Dr. KNOWLES, on Thursdays, at 7.15 p.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April.

Fee, including admission to the examination at the end of the course, £2 12s. 6d.

These lectures will be throughout of an elementary character.

In connection with this course Mr. GRIMSHAW will hold a class on alternate Thursdays, at 8.15 p.m., beginning 2nd October.

Syllabus. This course will include a sketch of the development of England up to 1760, the revolution in the iron trade, in internal communication, in the textile industries and in agriculture, the effect of the great wars on English trade and finance, the development of the Factory Acts, Truck Acts, and Employers' Liability and Workmen's Compensation Acts, the growth of trade unions, the changes in the Poor Law, and the legislation with regard to the tariff changes in the nineteenth century.

5. First Principles of Economics, a course of thirty lectures by Mr. DALTON, on Tuesdays, at 6 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April.

Fee, including admission to the examination at the end of the course, £2 12s. 6d.

Syllabus. This is an elementary course in which no previous knowledge of economics is assumed. It is intended to serve as an introduction to more advanced and specialised courses, and deals with the ground work of simple economic theory, including existing forms of economic organisation.

12. Methods and Applications of Statistics, a general elementary course of thirty lectures by Professor BOWLEY, on Thursdays, at 6 p.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Fee, £1 11s. 6d.

Syllabus. M. and L.Ts. General elementary technique of statistics, treated with a view to the accurate interpretation of statistics now published currently in the United Kingdom. A broad treatment of the statistical history of population, production, trade, prices, wages and income in the United Kingdom since 1790.

S.T. Elementary Mathematical Statistics. Averages; measurement of deviation and of correlation. Method of Samples.

14. Methods and Applications of Statistics, a general advanced course of thirty lectures by Professor BOWLEY, on Thursdays, at 7 p.m., beginning M.T. 2nd October, L.T. 15th January, S.T. 29th April. Fee, £1 11s. 6d.

This course is in continuation of the elementary lectures, 1918-19, and deals with technical and mathematical statistics from a more advanced point of view.

Arrangements are frequently made by the railways co-operating with the School for the admission of members of their staff to other courses of lectures in the School's curriculum. A full programme of lectures may be obtained gratis on application to the Secretary, who will be glad to advise any student desirous of extending the scope of his studies.

SCHOOL CERTIFICATES, MEDALS AND PRIZES.

An examination will be held at the conclusion of each of the foregoing courses, to which will be admissible those students who have attended the lectures satisfactorily and have done adequate work for the lecturers. A class list will be issued in which the successful candidates will be arranged in three divisions, the first being in order of merit. In arranging the class list regard will be had to the number of essays written and the marks obtained.

Certificates are only granted to students who have a satisfactory essay record. Printed certificates are not awarded in connection with courses of less than twenty lectures.

The Brunel Silver Medal is awarded to students in the Railway Department who in not more than four years have been placed three times in the first division in different subjects. Subjects classed as special or as introductory are not included. Medals were gained in the session 1918-19 by:—

Ernest Thomas Milburn (L. & N.W.R.).

in the session 1917-18 by:—

Thomas Edwards Jones (G.W.R.).
Sidney David Poole (S.E. & C.R.).

in the session 1916-17 by:—

John Edward Sharpe (L. & S. W. R.).

in the session 1915-16 by:—

Cyril Francis Betteridge (G.W.R.).
Alfred James Caulder (L. & S.W.R.).
Thomas Knight Tucker (G.W.R.).

in the session 1914-15 by:—

William Henry Dark (Mid. Rly.).
Guy Hawkins Joint (G.N.R.).
Herbert Ernest Jury (S.E. & C.R.).
Arthur James Kemp (Mid. Rly.).
Albert James Leno (G.W.R.).
Walter Broster Morris (G.C.R.).
Frank Percy Norman (G.W.R.).
Henry Robins (L. & S.W.R.).
Reginald John Sharland (G.W.R.).
Ferris John Shepherd (L. & S.W.R.).
Albert Charles Stone (L. & S.W.R.).
Frederic Oswald Waite (S.E. & C.R.).

in the session 1913-14 by:—

Harold Gardner (G.W.R.).
Frederic George Jackman (G.N.R.).
Albert James Jenkins (Central Railroad of Illinois).
Frederick Joseph Lee (G.W.R.).
Henry Mansell Piper (G.W.R.).
Joseph Henry Roake (G.W.R.).

- in the session 1912-13 by:—
 Douglas Cousin (G.W.R.).
 Ernest de Gruchy Marett (G.W.R.).
 George Price (G.E.R.).
 Frederick Smith (G.W.R.).
 Alfred John Thomas (G.N.R.).
 William Edmund Walling (G.W.R.).
- in the session 1911-12 by:—
 Edward Stuart Guise (G.E.R.).
 James Willie Frank Jones (G.W.R.).
 John Percival Milton (L. & S.W.R.).
 Seddie Symons (G.W.R.).
 Christopher Ernest Osman Thing (G.W.R.).
 John Burdett Willis (G.E.R.).
- in the session 1910-11 by:—
 Sidney Arthur Brown (G.W.R.).
 Albert Edward Fisher (G.E.R.).
 Sooyii Kwan Shen (Chinese Board of Communica-
 Allen Taylor (G.W.R.). [tions, Peking).
 John Sherwood Todd (G.E.R.).
- in the session 1909-10 by:—
 Ernest James Budd (S.E. & C.R.).
 Cyril Russell Dashwood (G.W.R.).
 Cecil Gaudern (G.N.R.).
 Herbert Gill (G.W.R.).
 Francis Holland (G.C.R.).
 David Ritchie Lamb (G.C.R.).
 Thomas William Moore (G.E.R.).
 Charles Henry Newton (G.W.R.).
 Gordon Egerton Warburton (G.C.R.).
 Herbert Paul Ward (G.W.R.).
- in the session 1908-9 by:—
 Leonard Bryant Walter Carter (G.W.R.).
 William Latta Crick (G.W.R.).
 Christopher Robinson Peacock (G.C.R.).
 Graham Royde Smith (L. & N.W.R.).
 Joseph Harry Wardley (G.E.R.).
- in the session 1907-8 by:—
 Walter George Chapman (G.W.R.).
 Walter Ingleby (N.E.R.).
 Frank Mills Major (G.E.R.).

Two Rosebery Prizes, one of £25 and one of £10, will be awarded in 1920 for the two best monographs embodying original research presented in the department of railway transport.

Students proposing to enter as candidates for these prizes are requested to submit for approval the subjects on which they propose to write before the end of December, 1919.

Candidates must be present or past students of the London School of Economics and Political Science. Two or more students may combine and present a joint monograph. The option will lie with the School of publishing the monograph to which is awarded the first prize. Monographs must reach the Director of the School not later than 30th September, 1920.

In 1916 £25 divided between WALTER GEORGE CHAPMAN (G.W.R.),
 WILLIAM HERBERT JARVIS (G.W.R.)
 for a joint monograph.

An award of £5 to ALBERT JAMES JENKINS (Illinois Central Railroad of U.S.A.).

In 1917 no first prize awarded. An award of £15 to WILLIAM HERBERT JARVIS (G.W.R.).

In 1918 First Prize not awarded.

Second Prize awarded to WILLIAM GEORGE COLES (L. & S.W.R.).

An award of £5 to ERNEST JAMES BUDD (S.E. & C.R.).

THE LONDON SCHOOL OF ECONOMICS AND
POLITICAL SCIENCE
(UNIVERSITY OF LONDON).

Railway Department.

RESULTS OF EXAMINATIONS FOR THE SESSION 1918-19.

Names of holders of the Brunel Medal are printed in heavy type.
Each dagger indicates a first class taken previous to 1916.
Each star indicates a first class taken in or after 1916.

CLASS I.

(Arranged according to subjects, in each case in order of merit.)

ACCOUNTING.—FIRST YEAR.

	NAME.	RAILWAY.
1.	Alcock, F. W.	G.W.R.
2.	Dening, Miss F. E.	G.W.R.
3.	Bent, J.	G.W.R.

ACCOUNTING.—SECOND YEAR.

1.	*Dening, H. R.	G.W.R.
2.	Bird, S. A.	Met. Dist. R.
3.	†Minchin, T. H.	G.W.R.
4.	Dawson, Miss F. E.	G.W.R.

THE LAW OF CARRIAGE BY RAILWAY.

1.	*Hedges, H. E.	G.W.R.
2.	{ Ham, H. E. C.	Met. R.
	{ Stacey, T. F.	G.W.R.
4.	Steer, G. W.	G.W.R.
5.	Loosemore, R.	G.W.R.
6.	{ Cole, B.	L. & S.W.R.
	{ Hillier, F. J.	G.W.R.
	{ Turner, B. E. W.	G.W.R.
9.	{ Bowles, H. G.	G.W.R.
	{ Phillips, T. H.	G.W.R.

THE PRINCIPAL FACTORS IN RAILWAY OPERATING.

1.	Robbins, J. M.	L. & N.W.R.
2.	**Milburn, E. T., 1919	L. & N.W.R.
3.	Pountney, C. H.	G.W.R.
4.	Young, A. S.	S.E. & C.R.
5.	Jelliman, E. J.	S.E. & C.R.

THE BASIS OF RAILWAY RATES AND CHARGES.

1.	*Coles, W. G.	L. & S.W.R.
2.	Osborne, F. H.	G.W.R.
3.	*Peart, S. R.	G.W.R.
4.	Holmes, J. G.	G.W.R.

CLASS II.

(Arranged in alphabetical order, the letter before the name indicating the subject taken.)

A1. Accounting—First Year. A2. Accounting—Second Year.
L. Law of Carriage. O. Principal Factors in Railway Operating.
R. The Basis of Railway Rates and Charges.

	NAME.	RAILWAY.
L.	Baxter, R. J.	
O.	Benson, R.	L. & N.W.R.
O.	Bone, N. J.	L. & N.W.R.
L.	Brett, S. J. A.	L. & N.W.R.
L.	Farr, W. M.	G.W.R.
O.	Fountain, W. H.	S.E. & C. R.
L.	Frame, W.	G.W.R.
L.	Green, J. W.	Met. R.
A1.	Ham, W. S.	G.W.R.
L.	Hankey, G. G.	G.W.R.
O.	Harris, E. G.	G.W.R.
R.	Howard, W. H. K.	
O.	Huckerby, J.	Met. Dist. R.
O.	Morrow, H. J.	S.E. & C.R.
R.	**Nash, D.	G.W.R.
L.	Newton, C. J.	S.E. & C.R.
L.	Platt, T.	Met. R.
L.	†Reid, W. G.	Mid. R.
L.	Sexton, E. W. H.	G.W.R.
L.	Sharp, W.	S.E. & C.R.
L.	Smith, A. V.	G.W.R.
R.	*Stevens, Miss D. E. E.	G.W.R.
A2.	Sutton, S. J.	Met. Dist. R.
A1.	Turner, T. H.	G.W.R.
R.	Verhoosel, E.	
O.	Wanstall, A. E.	S. E. & C.R.
O.	Waterer, A. N.	L. & S.W.R.
A2.	*Webb, W. H.	G.W.R.
L.	Westbrook, F.	G.W.R.
R.	Whittleton, E. G.	G.W.R.
O.	Workman, G.	G.W.R.

CLASS III.

R.	Collins, D. S.	L. & N.W.R.
R.	Davis, W. J.	Mid. R.
L.	Ford, E.	L. & S.W.R.
L.	Gladman, Miss E. M.	G.C.R.
R.	McCalla, H. E.	G.W.R.
R.	Mellor, T. J.	Mid. R.
R.	Porter, W. H.	Mid. R.
L.	Tong, A. R.	G.W.R.

RAILWAY STUDENTS' ASSOCIATION.*President:* Mr. W. M. ACWORTH.*Vice-Presidents:*

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 Sir ALBERT H. STANLEY. Mr. W. T. STEPHENSON. Sir HERBERT A. WALKER,
 Mr. F. W. WEST.

Hon. Secretary: Mr. A. J. JENKINS.*Hon. Acting Secretary and Treasurer:* Mr. T. W. MOORE (G.E.R.).

In order to take advantage of the opportunities of social intercourse offered by the London School of Economics and Political Science, the railway students have formed a Railway Students' Association "for the purpose of discussing subjects of general railway interest." Meetings are held monthly during the winter, when papers are read and discussed. All railway men who have ever attended railway lectures at the School, and others, not railway men, who have attended lectures in the Railway Department, are eligible for membership. All information may be obtained from the members of the Committee or the Hon. Treasurer at the School. Subscription 1s. per annum.

Committee:

Met. R. ..	.. A. J. BANTING.	G. E. R. ...	.. H. F. HANBURY.
S. E. & C. R. ..	.. E. J. BUDD.	G. C. R. ...	.. F. HOLLAND.
G. N. R. ...	.. O. H. CORBLE.	L. & S. W. R. ...	.. A. J. CAULDER.
G. W. R.	.. H. F. DALTON.	Mid. R. ...	..

THE STUDENTS' UNION.*President, 1919-20:*

Vice-Presidents: Mr. W. A. S. HEWINS. Mr. SIDNEY WEBB. Mr. C. M. KNOWLES.
 Mrs. HENRY FAWCETT, LL.D. Mr. PERCY ASHLEY. C.B. Miss B. L. HUTCHINS.
 Mr. H. J. MACKINDER, M.P. The Hon. W. PEMBER REEVES, Ph.D.

Chairman: Mr. C. M. JONES. *Treasurer:* Mr. E. BAHLSEN.*Secretaries:* Miss E. RICHARDSON. Mr. A. W. HALL.*Magazine Editor:* Mr. H. A. GRIMSHAW.

There is a meeting of the Union each Wednesday of term at 8.15 p.m., preceded by tea and coffee at 7.45 p.m.

Railway Students are also eligible for membership of the Students' Union which meets at 8.15 p.m. on every Wednesday of term for discussion and debate.

The membership fee is 5s. per session, and includes the annual subscription to the *Clare Market Review*, the students' magazine, published once a term.

Full particulars may be obtained from the Secretaries of the Students' Union, or on application at the School.

To the SECRETARY,

M

The London School of Economics and Political Science,

Clare Market, Portugal Street,

Kingsway, London, W.C.2

M

would

be much obliged if the Secretary would forward to

^{him}_{her} a copy of the Abridged Calendar of the London

School of Economics and Political Science for the

Session 1919-20, giving detailed syllabuses of the Courses

of Lectures and information as to Prizes, Scholarships,

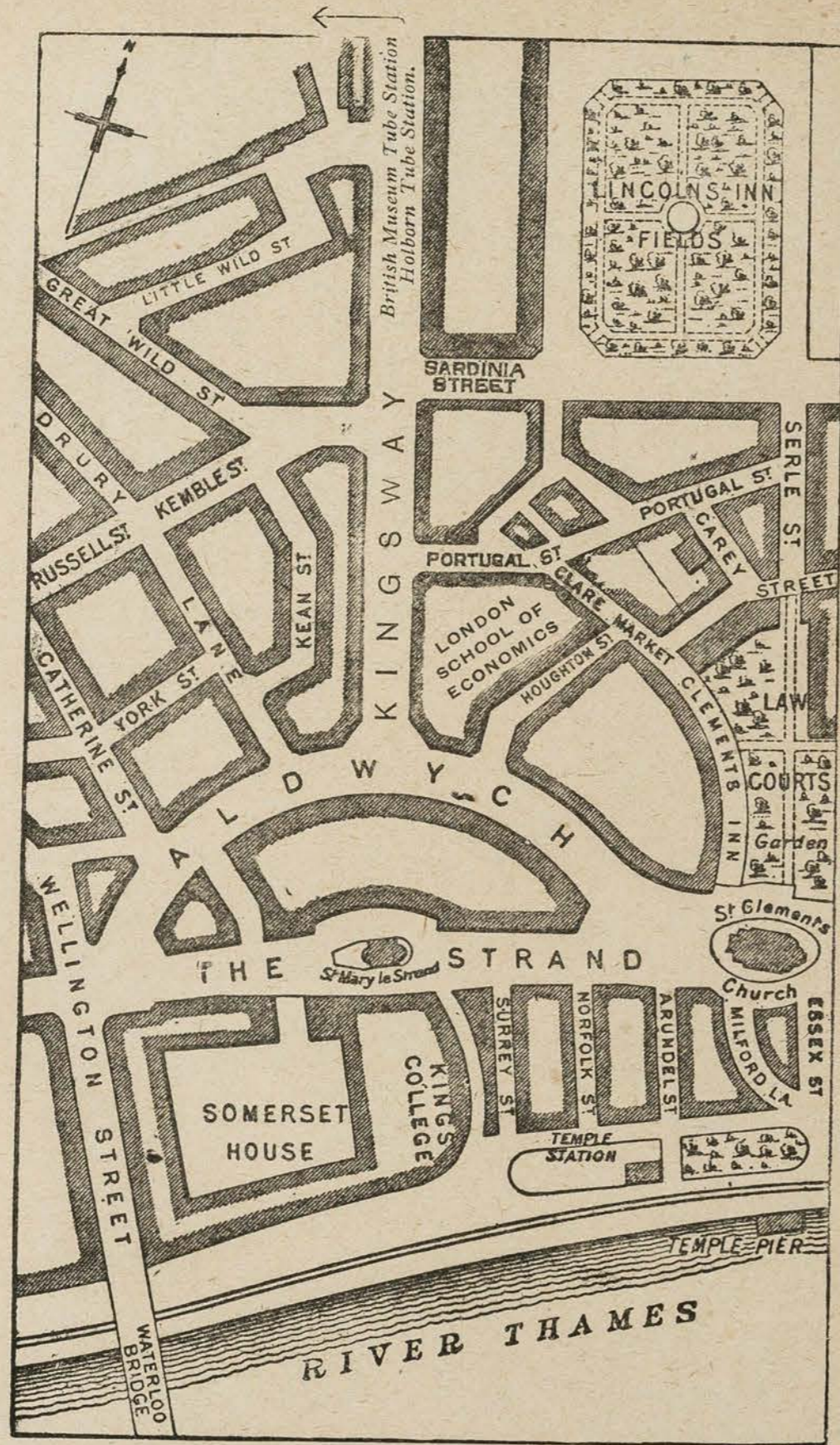
Certificates and Diplomas offered by the School and

the University.

Enclosed will be found stamps for 8½d.

The Calendar to
be addressed to

(Date)



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(University of London.)

CLARE MARKET, PORTUGAL STREET, KINGSWAY, W.C.2.

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TELEGRAMS: "POLECONICS, ESTRAND, LONDON."

LECTURES AND CLASSES
ON
GEOGRAPHY.

HEAD OF THE DEPARTMENT.

H. J. MACKINDER, M.A., M.P.,

Reader in Geography in the University of London.

LECTURERS IN THE DEPARTMENT:

HILDA RODWELL JONES, B.Sc. (Econ.) London.

MAJOR LLEWELLYN R. JONES, B.Sc. London.

A. J. SARGENT, M.A., Brasenose College, Oxford;
Professor of Commerce in the University of London.

ASSISTANT:

PATRICK W. BRYAN.

SESSION 1919-20.

INAUGURAL LECTURE.

81 **The Importance of the River Rhine in the new Map of Europe**, a lecture by Mr. MACKINDER on Friday, 3rd October, at 5 p.m. Colonel L. S. Amery, M.P., Under Secretary for the Colonies, in the Chair. Open to the public without fee.

82 **Geography**, a general course for the Intermediate Examination, by Major JONES and Miss RODWELL JONES, on Tuesdays, from 11 a.m. to 1 p.m., beginning M.T. 7th October, L.T. 20th January, S.T. 27th April. Sessional Fee, £2 12s. 6d. Terminal Fee, £1 1s.

The above course will be repeated on Wednesdays, from 6 to 8 p.m., beginning 8th October, for evening students.

83 * **A Map Class in Geography** will meet under the direction of Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Fridays, at 3 p.m., throughout the session, beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Fee, £3 3s.

NOTE.—This course is intended primarily for teachers of Geography, but the requirements of students preparing for Indian Civil Service and other examinations will be specially considered, as also the needs of those training as draughtsmen and map-compilers.

The number of students who may be admitted is limited to sixteen. Application to join must be received not later than Friday, 19th September. Preference will be given to students who have previously attended lectures on Geography at the School. Some previous knowledge of Geography is essential.

84 * **A Map Class in Geography** will meet under the direction of Major JONES and Miss RODWELL JONES, assisted by Mr. BRYAN, on Saturdays, at 11 a.m., throughout the session, beginning M.T. 4th October, L.T. 17th January, S.T. 1st May, under conditions similar to those stated above. Fee, £3 3s.

85 * **A Class in Detailed Geography** will meet under the direction of Major JONES on Wednesdays, at 3 p.m., beginning M.T. 8th October, L.T. 21st January, S.T. 28th April. Sessional Fee, £3 3s.; Terminal Fee, £1 11s. 6d.

Some previous knowledge of Geography is essential.

As the number of students who can be admitted is limited, application to join this class must be made not later than Friday, 19th September.

86 * **A Class in Detailed Geography** will meet under the direction of Miss RODWELL JONES, on Fridays at 6 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April. Sessional Fee, £3 3s.; Terminal Fee, £1 11s. 6d.

Some previous knowledge of Geography is essential.

As the number of students who can be admitted is limited, application to join this class must be made not later than Friday, 19th September.

* Students attending this class who have paid the Composition Fee in the Faculty of Economics, will be expected to pay in addition a laboratory fee of £1 11s. 6d. a session or 12s. 6d. a term.

In connection with the above courses Mr. MACKINDER and Professor SARGENT will lecture occasionally and give short courses of lectures. See for instance Nos. 87 and 88.

87 **The Peace Treaty in the Light of Economic Geography**, a course of three lectures by Professor SARGENT, on Fridays, at 6 p.m., in Lent Term, beginning 6th February. Fee, 5s.

88 **The Railways and Seaports of North America**, a course of three lectures by Professor SARGENT, on Wednesdays, at 3 p.m., in Summer Term, beginning 12th May. Fee, 5s.

89 **Geography (Seminar)**. Mr. MACKINDER will meet candidates for Research Degrees from time to time by arrangement.

Open to students paying either the Composition Fee or the Research Fee.

90 **Economic Geography**. Seminar by Professor SARGENT, on Fridays, at 5 p.m., beginning M.T. 3rd October, L.T. 16th January, S.T. 30th April.

Open to students paying either the Composition Fee or the Research Fee.

91 **Historical Geography**, a course of ten lectures by Mr. MACKINDER, on Mondays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 3rd November, L.T. 9th February. Fee for the course, 12s. 6d.; Terminal Fee, 7s. 6d.

92 **Modern Historical Geography**, a course of eight lectures by Professor SARGENT, on Fridays, at 3 p.m., in Summer Term, beginning 30th April. Fee, 12s. 6d.

93 **The British Empire under the New Conditions of the World**, a course of five lectures by Mr. MACKINDER, at 11 a.m., on Saturdays, 18th and 25th October, 8th, 15th and 22nd November, in Michaelmas Term. Fee, 7s. 6d.

London teachers, who will have precedence should it be necessary to limit the class, may obtain admission through the Education Officer, L.C.C. Education Department, Victoria Embankment, W.C. 2, to whom they should apply for particulars of special terms.

94 **The Geography of London**, a course of four lectures by Miss RODWELL JONES, on Mondays, at 6.30 p.m., in Lent Term, beginning 19th January. Fee, 7s. 6d.

The lectures will be illustrated by lantern slides.

176 **The Geography of the Railways and Seaports of Asia**, a course of ten lectures by Professor SARGENT, on Thursdays, at 6.15 p.m., in Michaelmas Term, beginning 9th October. Fee, 12s. 6d.

The lectures will be illustrated by photographs and specially drawn maps shown in the Episcope.

i. *The Physical Basis of Geography*, a course of lectures throughout the session by Professor GARWOOD, on Thursdays, from 5.15—7.15 p.m., beginning 2nd October. First meeting 2nd October, at 4.30 p.m. Fee for the course, £6 6s.

ii. *Instruments and Maps*, a course of lectures and practical exercises by Mr. ORMSBY, on Tuesdays at 4 p.m., in Lent Term, beginning 13th January. This course will be followed by further practical work (two hours a week), in Summer Term. Fee for the two terms, £2 12s. 6d.

These lectures are given at University College, and complete the course for students registered at the London School of Economics and Political Science for the Academic Diploma in Geography.

Students who have time to follow Mr. Ormsby's course in both terms are advised to do so, although attendance is compulsory only during the Summer Term.

See also lectures for Students in this Department in the section Ethnology, page 61 of the School Calendar, No. 105.

School Certificates in Geography are awarded under the authority of the Professorial Council to students who desire to specialise in Geography without taking the wider course of study prescribed for students proceeding to a degree in the Faculty of Economics and Political Science. Such students must have *either*

- (a) Followed the Intermediate Course in Geography at the School or
- (b) Satisfied the authorities in some way that they have acquired a sound elementary knowledge of the subject.

The normal course for the Certificate extends over two years, during which students must attend

- (a) A Map Class. (No. 83 or 84.)
- (b) Classes in Detailed Geography. (Nos. 85 and 86.)
- (c) Courses in Historical Geography. (Nos. 91 and 92.)

Students must pass examinations in General Geography and Map Reading and submit a thesis based on a detailed study of a selected area in the United Kingdom including work on the ground.

Students able to devote the whole of their time to the study of Geography may apply for special permission to take the certificate course in one year.

Fee, if prepaid for the whole session, £15 15s.; if paid terminally £6 6s. for each term.

The examination for the Certificate in Geography will be held on Wednesday and Thursday, 23rd and 24th June, 1920, from 10 a.m. to 1 p.m.

For examination papers set see the School Calendar, 1914-15, and previous years.

A more advanced course of study may be taken leading up to the Academic Diploma in Geography awarded by the University. This course is that prescribed for the School's certificate in Geography, with the addition of Physical Geology, Geomorphology, Climatology, and the use of instruments, subjects which may be studied at University College. See courses i and ii above.

Fee, if prepaid for the whole session, £17 17s.; if paid terminally, £6 16s. 6d. for each term.

Full particulars may be obtained on application.

The Head of the Department will be at the School to meet students on Monday and Tuesday, 29th and 30th September, and Wednesday, 1st October, from 11 a.m. to 1 p.m.

For particulars of other lectures at the London School of Economics and Political Science see the School Calendar, price 6d.; by post 8½d.

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TRAINING FOR SOCIAL WORK (VOLUNTARY AND PROFESSIONAL).

THE UNIVERSITY OF LONDON
RATAN TATA DEPARTMENT
OF SOCIAL SCIENCE AND ADMINISTRATION.

THE LONDON SCHOOL OF ECONOMICS
AND POLITICAL SCIENCE,
CLARE MARKET, PORTUGAL STREET, KINGSWAY, W.C.2.

SESSION 1919-20.

THE UNIVERSITY OF LONDON.

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CHAIRMAN.

Appointed by the Senate of the University.

The Vice-Chancellor, SIR COOPER PERRY, M.D., M.A.

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J. MARTIN WHITE, J.P., F.R.S.E.

The Head of the Department, E. J. URWICK, M.A., *Tooke Professor of Economic Science and Statistics, University of London.*

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UNIVERSITY OF LONDON RATAN TATA DEPARTMENT OF SOCIAL SCIENCE AND ADMINISTRATION.

HEAD OF THE DEPARTMENT.

E. J. URWICK, M.A., *Tooke Professor of Economic Science and Statistics, University of London.*

Tutors in the Department—

C. R. ATTLEE, M.A., *Oxford.*

MARY E. CHRISTIE, *Hist. Tripos, Newnham College, Cambridge.*

AGNES A. CROSTHWAITE.

EDITH V. ECKHARD, *Econ. Tripos, Newnham College, Cambridge.*

AGATHA HARRISON (*Welfare Work*).

EILEEN KEYSER.

HELENA MAUDE REID, *Nat. Sci. Tripos, Newnham College, Cambridge.*

R. H. TAWNEY, B.A., *Fellow of Balliol College, Oxford.*

Lecturers in the Department—

C. R. ATTLEE, M.A., *Oxford.*

MARY E. CHRISTIE, *Hist. Tripos, Newnham College, Cambridge.*

EDITH V. ECKHARD, *Econ. Tripos, Newnham College, Cambridge.*

R. H. TAWNEY, B.A., *Fellow of Balliol College, Oxford.*

Other Lecturers whose courses form part of the work of students in the Department—

A. L. BOWLEY, Sc.D., F.S.S., *Trinity College, Cambridge*; *Professor of Statistics in the University of London.*

L. T. HOBHOUSE, M.A., *late Fellow of Corpus Christi and Merton Colleges, Oxford*; *Martin White Professor of Sociology in the University of London*; *Vice-Chairman of the Ratan Tata Benefaction Committee.*

LILIAN KNOWLES, Litt. D., *Dublin*; *Hist. Tripos and Law Tripos, Girton College, Cambridge*; *Reader in Economic History in the University of London.*

PUBLICATIONS OF THE RATAN TATA FOUNDATION.

Some Notes on the Incidence of Taxation on the Working-Class Family, by F. W. KOLTHAMMER, M.A., 1913. 16 pp. 6d.

The Health and Physique of School Children, by ARTHUR GREENWOOD, B.Sc., 1913. 96 pp. P. S. King and Son. 1/-

Poverty as an Industrial Problem: an Inaugural Lecture, by R. H. TAWNEY, B.A., 1913. 20 pp. 6d.

The Feeding of School Children, by M. E. BULKLEY, M.B.E.; B.A., B.Sc. (Econ.), 1914. 270 pp. G. Bell and Sons, Ltd. 3/6.

Livelihood and Poverty: a Study in the Economic Conditions of Working-Class Households in Northampton, Warrington, Stanley and Reading, by A. L. BOWLEY, Sc.D., and A. R. BURNETT-HURST, B.Sc. (Econ.), 1915. 222 pp. G. Bell and Sons, Ltd. 3/6.

Casual Labour at the Docks, by H. A. MESS, B.A., 1916. 147 pp. G. Bell and Sons, Ltd. 2/-

Expenditure and Waste: a Study in War-Time, by V. DE VESSELITSKY, 1917. 64 pp. G. Bell and Sons, Ltd. 8d.

Studies in the Minimum Wage:—

1. *The Establishment of Minimum Rates in the Chain-making Industry under the Trade Boards Act of 1909*, by R. H. TAWNEY, B.A., 1914. 157 pp. G. Bell and Sons, Ltd. 1/6.

2. *The Establishment of Minimum Rates in the Tailoring Trade*, by R. H. TAWNEY, B.A., 1915. 270 pp. G. Bell and Sons, Ltd. 3/6.

3. *The Establishment of Minimum Rates in the Box-making Industry*, by M. E. BULKLEY, M.B.E., B.A., B.Sc. (Econ.), with an Introduction by R. H. TAWNEY, B.A., 1915. 95 pp. G. Bell and Sons, Ltd. 1/6.

4. *The Homeworker and the Outlook: a Descriptive Study of Tailoresses and Boxmakers*, by V. DE VESSELITSKY, with an Introduction by R. H. TAWNEY, B.A., 1916. 118 pp. G. Bell and Sons, Ltd. 2/-

Training for Social Work.

Its Aims and Methods.

THE present century has witnessed a remarkable change in the whole field of social work and administration. First, and most obviously, there has been a very great increase in the number and variety of appointments requiring specialised administrators to fill them; and this has been accompanied by an equally rapid rise in the standard of efficiency called for on the part of the administrators. New forms of Government service have arisen, involving direct personal dealing with large numbers of individuals, the value of which is entirely dependent upon the understanding, knowledge, and judgment of the responsible workers. New efforts are also being made by employers of labour to increase the well-being of their employees; here, too, specially qualified superintendents are found to be necessary in order to ensure success. Meanwhile, old departments of philanthropic or charitable effort are revising their methods and increasing their effectiveness by making their work far more thorough and consistent; and this again is found to necessitate the employment of trained organisers or assistants.

In the second place, the workers themselves are now recognising the importance of attaining and preserving a high standard of competence. They desire to be qualified for their admittedly difficult work by education, training, and experience. In some cases groups of specialised administrators have already formed themselves into associations, similar to those existing in the older professions, for the maintenance of a high standard in their work. The Hospital Almoners and the Welfare secretaries in factories are examples of this new movement. In other cases the individual workers now devote part of their spare time to increasing their knowledge by attendance at lectures and conferences. But the most marked sign of the new demand for training is the fact that a very large number of would-be social workers now realise that a definite preparation is needed before they can be qualified to begin work. They ask for opportunities of training and they are prepared to devote one or more years to their special education. This demand is by no means confined to those who aim at becoming salaried officers; it is equally marked on the part of many voluntary workers who recognise that their standard of work must be equally high.

A new situation has thus been created and its requirements have been fully recognised by several of our Universities. In at least five of these, departments have been formed for the express purpose of providing courses of instruction designed to fit this class of student for the work he or she wishes to undertake. In the University of London a very fully equipped department of this kind exists at the London School of Economics and Political Science, in which the course of training is based upon an experience extending over fourteen years.

SOCIAL TRAINING IN THE RATAN TATA DEPARTMENT OF SOCIAL SCIENCE AND ADMINISTRATION OF THE UNIVERSITY OF LONDON.

This Department, endowed by the late Sir Ratan Tata and having its headquarters at the London School of Economics and Political Science, offers facilities, probably unique in their kind, for the practical as well as the theoretical training of professional and voluntary social workers. It continues the work carried on for nine years by the School of Sociology and Social Economics, which merged in the London School of Economics and Political Science in the end of July, 1912.

It also continues the work of the Ratan Tata Foundation carried on in connection with it since 1912, and by the desire of the generous donor the funds of the Ratan Tata Benefaction to the University of London are devoted to the provision of a revenue for the Department which will henceforward be known as the Ratan Tata Department of Social Science and Administration.

The Department is expressly intended to provide adequate training for persons of either sex who wish to devote themselves to the task of public or voluntary administration. The students give their whole time to the work for at least one session, during which they are under the guidance and direction of a special staff of supervising tutors. The course includes both practical and theoretical work, about half the time being devoted to each. In their practical work the students are placed under experienced administrators in all parts of London, and thus obtain some knowledge of the conditions of life in a great industrial centre, and of the various methods of social effort, alike in the administration of charitable resources and in the work of Municipal or State Departments.

The Department is in friendly relations with numerous agencies and societies and experienced social workers throughout London; and it is largely to their generous help that the successful practical training of the students is due. On the other hand, the courses of lectures and classes at the London School of Economics and Political Science—all of which are open to the students of the Department—cover every necessary branch of theory and administration. The students in this way enjoy the advantage of the close co-operation of other departments of the School, particularly those of Sociology, Economic History and Statistics, in which the Professors give valuable help to the more advanced students who are also encouraged to take part in certain branches of social research. By these means the students acquire first-hand experience of the difficulties to be dealt with and of the different ways in which effort is now directed to meeting them; they are also instructed in the details of office management and the business side of organised administration. In their theoretical work the students obtain, through lectures, classes, reading and individual tuition, a

knowledge of the relation of present conditions and efforts to the past history of industrial and social life, and to the generalisations of Economic Science and Sociology. The special aim of this side of their training is not to teach them to theorise, but to deepen their intelligent interest in everything connected with their subsequent practical work. It will thus be seen that the course has a double end in view. It aims at producing efficient workers; but it also aims at producing something more than technical efficiency in the workers. For if "good social work" means anything, it means work which directly and constantly influences for good the lives and thoughts of human beings. Efficient administration is a necessary groundwork, but thoughtful, tactful, sympathetic administration, inspired by good feeling, by wide knowledge, by sensible judgment and purpose, is the real requisite.

THE FULL-TIME COURSE OF TRAINING.

The full-time course of training begins in October and ends in July, thus lasting for a University Session. After examination at the end of the course a certificate is awarded to successful candidates. The course is meant both for men and women who wish to devote themselves professionally to public administration or social work, and for those who desire to devote the whole or some part of their leisure to voluntary social work. Of the students who have taken the course since its inception rather more than half have received salaried appointments in social work, whilst the remainder are working in a voluntary capacity.

Students who take this course are required to devote their whole time to the work for at least one session, under the guidance and direction of special supervising tutors.

The course includes both practical and theoretical work, about half the time being devoted to each. The normal course occupies one year, but the time taken to qualify necessarily depends upon the previous attainments and the special needs of particular students. Thus,

- i. Students who are already graduates of a University, or who have had otherwise some training in economic and sociological theory, may take the course in one session of three terms.
- ii. Students who have had no previous economic training, but who have already had a considerable amount of practical experience in social work, will also be able to take the course in one session, as it will not be necessary for them to devote a great part of their time to practical work.
- iii. Students who are neither trained in economic and sociological theory nor have had any previous practical experience *are strongly recommended to devote two sessions to*

their work. When compared with other branches of professional work even a two years' course is comparatively a small demand upon the student; and it is difficult for such students to do justice to the course in any shorter time.

There is no fixed age which students must have reached before entering upon the course; but it is generally inadvisable for any one to begin the work before 21. Preliminary courses are arranged in some cases for students who desire to begin their training earlier and to extend it over a longer period than one year. Special arrangements are also made for the supervision and guidance of students who cannot take the full session's course. It is thus possible for visitors to London from other countries, or from other parts of the United Kingdom, to become full members of the Department for a single term, and thus obtain the particular guidance and instruction that they need.

Intending students who have for any reason been unable to join the course at the beginning of the session are invited to consult the Head of the Department at any time during the year, when they will be advised as to the theoretical or practical work which it would be possible for them to take up during the time elapsing till the next course begins.

Note.—In all cases it is a great advantage to students to communicate with the Department some time before entering as students, with a view to doing some practical or theoretical work before they actually take up the course

Theoretical Work.

There is now a complete provision of separate courses of instruction designed to cover the necessary ground in the order which experience has shown to be best. In the first term the courses are for the most part introductory, preparing the way for a fuller study of the three chief divisions of the field of practical social science, namely, (1) The actual facts of modern life, and the necessary conditions of assistance; (2) the main economic facts and the industrial structure of the England of to-day, with a brief historical introduction; (3) the meaning and importance of the different elements which enter into the conception of welfare and progress. To the two last-named divisions the shorter titles of Social Economics and Social Philosophy are given; to the first division no short name corresponds, but it may be described briefly as a Description and Explanation of Social Conditions. All three divisions are studied throughout the year, the lectures being supplemented by systematic individual tuition and directed home reading. Each student is assigned to one of the tutors of the Department, whom he or she meets at least once every fortnight for the discussion of difficulties.

Practical Training.

This may also be considered under three heads:

- (1) Actual work under direction.
- (2) Visits of observation.
- (3) Research work.

(1) At the beginning of their course students are usually advised to work with one of the well-known societies such as the Charity Organisation Society—and later on they specialise in whatever branch of work they are most interested in, as for example, Care Committee work, infant welfare, trade union organisation, welfare work in factories, boys' and girls' clubs, war pensions, etc. Attention is paid to the necessity that each student should take part in some form of work which deals with the normal citizen, as only so can the danger of regarding social work as merely remedial be avoided.

(2) Visits of observation under supervision are arranged to various types of day and evening schools, workhouses, hospitals, factories, artisans' dwellings, etc. It is found that these visits act as valuable illustrations to the theoretical instruction.

(3) Opportunities are given for specialisation, according to the desire and purpose of the students themselves. In some cases this specialisation takes the form of definite research into particular social and industrial conditions and their effects. In other cases the students may specialise in work connected with children, or with the prevention of disease, or the improvement of factory conditions, or the administration of particular Acts affecting directly the welfare of the people.

SPECIALISED FORMS OF TRAINING.

The Certificate course described above forms the basis of all the training given by the Department. In some cases, however, it is found possible to build upon the groundwork thus afforded a more specialised course of training for students who desire to prepare themselves for special work. Provision is in this way made for the needs of Welfare Workers of both sexes. These are under the direction of special tutors possessing practical experience of Welfare supervision, who select the courses they shall attend, arrange their practical work, and provide additional instruction in subjects of particular importance in Welfare work. A number of lectures and classes are arranged which are designed to be of assistance not only to students preparing for the work, but also for Welfare Supervisors who are already engaged in it. These classes are not included in the list of courses contained in this Prospectus. Separate notice is given of them from time to time.

It is hoped to arrange a special evening course for Welfare workers, comprising lectures on Industrial Organisation, Social Institutions and Social Philosophy, Industrial History and Hygiene. Special classes in connection with the course will also be held for both men and women supervisors. Full details of this course will be published before the beginning of next session. It is probable that the majority of the lectures will be held on Tuesday and Thursday evenings from seven o'clock onwards.

The Department co-operates with the Household and Social Science Department of King's College for Women in the provision of a two years' course of training which includes Hygiene, Physiology and kindred subjects, in addition to Social Economics and Administration.

This two years' course is specially adapted to the needs of younger students who have not continued their education after leaving a secondary school or had experience of any form of practical social work.

Full details of the course are given in a separate notice.

Parts of the regular course are also combined with courses at other institutions in order to meet the needs of other groups of students. Thus the Department co-operates with the London Day Training College and the Women's Settlements of London in the provision of a ten months' course of training for the work of Continuation School Teachers. This course will begin in September next. It is open only to men or women who are graduates of a University, or possess educational qualifications equivalent to a degree.

The Department has arranged to co-operate with King's College for Women, Household and Social Science Department, in the newly instituted two-years' course of study for Health Visitors.

ACADEMIC DIPLOMA IN SOCIOLOGY AND SOCIAL ADMINISTRATION.

The University grants an Academic Diploma in Sociology and Social Administration. The course of study for the diploma is that prescribed for the certificate of the Department in Social Science and Administration, with in addition certain subjects chosen, with one optional exception, from other departments of the work of the London School of Economics and Political Science. Students are required to attend a course of study approved for the purpose by the University extending over two sessions at least (and not less than 150 hours in each year). Details of the course of study which each candidate proposes to follow must be submitted to the University for approval shortly after the beginning of the session.

Further particulars may be obtained on application to the Secretary.

CERTIFICATE OF THE DEPARTMENT IN SOCIAL SCIENCE AND ADMINISTRATION.

The examination for the certificate is held in July, but the award of the certificate is not made solely upon success in the examination. The quality of the work done by the student throughout the session is an important determining factor; and no student will obtain a certificate unless the reports received on his or her practical work have been of a satisfactory nature. The possession of a certificate

will be held to imply not only that the holder has had the necessary intellectual training, but also that he or she is qualified to carry out responsible practical work in a sympathetic and humane fashion.

LOCH EXHIBITIONS.

Two exhibitions of the value of £24 each were founded by an endowment of £1,000 by a private benefactor in memory of the services of Sir C. S. Loch, so many years secretary of the Charity Organisation Society, and are awarded annually by the Ratan Tata Benefaction Committee, subject to the approval of the University of London.

The exhibitions will be awarded in the first instance for a period of one year, but the tenure may be extended to a second year by the University on the recommendation of the Committee.

Candidates must produce evidence that they will have attained the age of 19 years on the 1st of October in the year of the award, and must satisfy the University as to their need of financial assistance to follow the course of study prescribed.

Holders of the exhibitions must pursue the ordinary course of study (known as the Certificate Course) in the Ratan Tata Department of Social Science and Administration at the London School of Economics and Political Science, and if a further year's tenure is granted, a further course in the same Department.

Applications for the exhibitions, accompanied by the names of three references and the evidence required under the terms of the Regulations, must reach the Head of the Department not later than 15th May. Testimonials are not required.

Instalments of the emoluments of the Exhibitions will be paid terminally on receipt of satisfactory reports as to the progress of the holder.

PART-TIME COURSES.

The Department has not arranged for this year a special course of training for part-time students. The Joint Social Studies Committee for London, in conjunction with which such a course was previously drawn up, has now ceased to exist, and the University Extension Board of London University has instituted a Diploma for Civic Workers, the course for which takes the place of the courses hitherto provided. A special selection of the lectures and classes given in the Department forms the first year's work on the social and economic side for the new Diploma. The Head of the Department is glad to advise and to plan special courses for social workers or other students who wish to devote part of their time to social study.

EVENING COURSES

Though it is not at present possible to provide a complete evening course for students wishing to take the Certificate in Social Science and Administration, or the University Diploma in Sociology and Social Administration, the Department has arranged a number of lectures and classes which cover a considerable part of the necessary ground. Several of these courses are specially designed for the assistance of those who, while engaged during the day in administrative or other work, desire to raise their knowledge of social and industrial subjects to a higher standard. A list of the lectures and classes follows the list of courses provided for day students.

FEES.

For all students taking the full Certificate or Diploma course, £15 15s. for the session; if paid terminally, £6 6s. each term. These fees admit not only to all the classes and lectures arranged by the Ratan Tata Department of Social Science and Administration, but also to all the other classes and lectures of the London School of Economics and Political Science.

For all students taking the Joint Course for Continuation School Teachers, £9 9s. for the session.

For all students taking the Joint Two Years' Course at King's College for Women and the Ratan Tata Department, £31 10s. for each session.

These fees include admission to all lectures, individual tutorial assistance, the arrangement and provision of practical work, visits of observation, and (for students taking the Joint Two Years' Course) all necessary laboratory work.

Students are admitted to particular courses of lectures at fees ranging from 5s. to £3 3s., according to the length of the course, as stated in the Calendar of the London School of Economics and Political Science, price 6d., by post 8½d.

LIBRARY AND FACILITIES FOR READING.

A lending library composed of books dealing with social science is open to all students of the Department. Books may also be borrowed from the Common Room library for a fee of 5s. a session.

All students are free to read in the British Library of Political Science, which is the library of the London School of Economics and Political Science, and contains an exceptionally valuable collection of books, reports, Government publications, etc., relating to the subjects of Economics, Sociology and Social Administration.

EMPLOYMENT REGISTER.

A careful register is kept of the qualifications of all the students who have passed through the Department and are ready for employment, and applications are invited from any society or agency or individual employer desiring to fill a vacancy for which such trained students may be suitable. Full particulars of the qualifications of suitable students will be furnished and interviews arranged if desired. Enquiries should be addressed to the Secretary.

NOTICE TO STUDENTS.

The session 1919-20 begins on Thursday, 2nd October. Students wishing to join the Department should communicate with the Head of the Department as long before that date as possible. It would be a great help to them to spend some time beforehand in reading some of the necessary books, or in practical work which might be arranged if sufficient notice is given.

Those who are unable to apply earlier should call and see the Head of the Department at the School on Monday or Tuesday, 29th and 30th September, or Wednesday, the 1st October, between the hours of 11 a.m. and 1 p.m.

For a list of books recommended to students, see p. 20.

Synopsis of Lectures and Classes.

For particulars of composition fees payable see page 13.

Course of Study recommended for Students.

MICHAELMAS TERM.

No. in
Calendar.
125

1. **Practical Work and Observation and the Social and Industrial Characteristics of London.** A course of four lectures, on Tuesdays, at 3 p.m., beginning 7th October. Fee, 7s. 6d.

By Professor URWICK.

Syllabus. This course will deal with (a) Practical work, with special reference to work in connection with organised agencies both public and voluntary; (b) social study and observation, with notes on books and reading; (c) public and private agencies for assistance; (d) the general social characteristics of London.

130 2. **The Place of Voluntary Effort and Association in the Future.** A course of six lectures, on Tuesdays, at 3 p.m., beginning 4th November. Fee, 10s. 6d.

By Miss ECKHARD.

Syllabus. The relationship of voluntary activities and the State. The development of voluntary effort in England, illustrated by a comparison between the functions of voluntary organisations in England and other countries.

132 3. **Social Economics.** Ten lectures (continued in Lent and Summer Terms) on Tuesdays, at 12 noon, beginning 7th October. Fee for the three terms, if paid in advance, £1 11s. 6d.; for each term, 12s. 6d.

By Professor URWICK and Miss CHRISTIE.

Syllabus. Development of science of Economics in 18th and early 19th centuries. The psychological foundation of value. The theory of rent. The wage fund. Productivity theories of wages. The growth of capitalism. Theories of interest. The entrepreneur and profits. Exchange and markets. Price under competition and monopoly. Industrial combinations. Money and credit. Taxation. Foreign Trade.

131 4. **Outlines of English Local Government.** A course of ten lectures, on Tuesdays, at 5 p.m., beginning 14th October. Fee, 12s. 6d.

By Mr. C. R. ATTLEE.

Syllabus. Structure of Local Government. Constitution, finance and central control. Services: health, education, old age and mental deficiency, housing and transport, amenity. Reproductive services. Regulative services and justice. London government.

5. **Social History from 1760.** Eleven lectures (continued in Lent and Summer Terms), on Wednesdays, at 10.45 a.m., beginning 8th October. Fee for the three terms, if paid in advance, £1 11s. 6d.; for each term, 12s. 6d.

By Mr. TAWNEY.

Syllabus. Political and Social Conditions of the old régime. The agrarian changes. "The Industrial Revolution." The new Political Economy. The Movement for Parliamentary Reform. The growth of Pauperism and the Reform of the Poor Law. The Reform of Municipal Corporations. The Trade Union Movement up to 1850. The beginnings of Factory legislation. The Chartist Movement. The early co-operators. The growth of a system of Public Education. The reform of Local Government and the growth of municipal enterprise. The growth and character of modern trade unionism. The policy of the State towards industry and social questions. Recent changes in social and political thought. The present position of the Industrial problem.

55 6. **Economic History.** Eleven lectures (continued in Lent and Summer Terms) on Wednesdays, at 10.45 a.m., beginning 8th October. Fee for the three terms, if paid in advance, £1 11s. 6d.; for each term, 12s. 6d.

By Dr. KNOWLES.

These lectures are given also on Thursdays, at 7.15 p.m., beginning 2nd October.

Syllabus. A course of 30 lectures lasting throughout the three terms and giving the historical background necessary if the student is to understand present-day conditions. The principal industrial and social changes are analysed, and the aims of various important movements are examined.

135 7. **Social Philosophy.** Ten lectures, each lecture followed by a class (continued in Lent Term), on Mondays, at 11 a.m., beginning 13th October. Fee for the two terms, if paid in advance, £1 17s. 6d.; for each term, £1 1s.

By Miss CHRISTIE.

Syllabus. M.T.—The idealists, Plato, More, Wells; historical method, Comte, Buckle; biological, Spencer and the modern Eugenists; political, Locke, Rousseau, Mill; metaphysical, Hegel, Bosanquet, Green.
L.T.—A study in relationships. The family, the school, the economic group, the Church, the State, international relations.

110 8. **Introduction to the Study of Society.** Ten lectures, each lecture followed by a class (continued in Lent Term) on Mondays, at 11 a.m., beginning 6th October. Fee for the two terms, if paid in advance, £1 17s. 6d.; for each term, £1 1s.

By Professor HOBHOUSE.

116 9. **Applied Social Philosophy.** Seminar for advanced students on Mondays, at 3 p.m., beginning 6th October. Fee, £1 11s. 6d.

By Professor HOBHOUSE.

123 10. **Health and the Worker.** Ten lectures (continued in Lent Term). Details to be announced later.

LENT TERM.

132 3. **Social Economics.** Ten lectures (continued from Michaelmas Term) on Tuesdays, at 12 noon, beginning 20th January. Fee, 12s. 6d.

By Professor URWICK and Miss CHRISTIE.

134 5. **Social History from 1760.** Ten lectures (continued from Michaelmas Term) on Wednesdays, at 10.45 a.m., beginning 21st January. Fee, 12s. 6d.

By Mr. TAWNEY.

55 6. **Economic History.** Ten lectures (continued from Michaelmas Term) on Wednesdays, at 10.45 a.m., beginning 21st January. Fee, 12s. 6d.

By Dr. KNOWLES.

These lectures are given also on Thursdays at 7.15 p.m., beginning 15th January.

135 7. **Social Philosophy.** Ten lectures, each lecture followed by a class (continued from Michaelmas Term), on Mondays, at 11 a.m., beginning 19th January. Fee, £1 1s.

By Miss CHRISTIE.

110 8. **Introduction to the Study of Society.** Ten lectures, each lecture followed by a class (continued from Michaelmas Term), on Mondays, at 11 a.m., beginning 19th January. Fee, £1 1s.

By Professor HOBHOUSE.

116 9. **Applied Social Philosophy.** Seminar for advanced students, on Mondays, at 3 p.m., beginning 19th January. Fee, £1 11s. 6d.

By Professor HOBHOUSE.

128 10. **Health and the Worker.** Ten lectures (continued from Michaelmas Term). Details to be announced later.

114 11. **Comparative and Social Psychology.** A course of ten lectures, each lecture followed by a class, on Wednesdays, at 3 p.m., beginning 21st January. Fee, £1 1s.

By Professor HOBHOUSE.

126 12. **Industrial Conditions.** A course of ten lectures, on Tuesdays, at 5 p.m., beginning 20th January. Fee, 12s. 6d.

By Mr. C. R. ATTLEE.

Syllabus. The course will cover the history, structure, and problems of trade unionism, the co-operative movement, friendly societies, etc.

- 129 13. **A Historical and Critical Account of Some Principles of Social Management.** Ten lectures (continued in Summer Term) on Wednesdays, at 12 noon, beginning 21st January. Fee for the two terms, if paid in advance, £1 1s.; for each term, 12s. 6d.

By Professor URWICK.

Admission to this course will be exclusively by permission of Professor Urwick.

- 11 14. **Elementary Statistical Methods.** A course of ten lectures, each lecture followed by a class, on Tuesdays, at 2.30 p.m., beginning 20th January. Fee, £1 1s.

By Professor BOWLEY.

SUMMER TERM.

- 132 3. **Social Economics.** Nine lectures (continued from Lent Term), on Tuesdays, at 12 noon, beginning 27th April. Fee, 12s. 6d.

By Professor URWICK and Miss CHRISTIE.

- 134 5. **Social History from 1760.** Nine lectures (continued from Lent Term), on Wednesdays, at 10.45 a.m., beginning 28th April. Fee, 12s. 6d.

By Mr. TAWNEY.

- 55 6. **Economic History.** Nine lectures (continued from Lent Term), on Wednesdays, at 10.45 a.m., beginning 28th April. Fee, 12s. 6d.

By Dr. KNOWLES.

These lectures are repeated on Thursdays at 7.15 p.m., beginning 29th April.

- 129 13. **A Historical and Critical Account of Some Principles of Social Management.** Nine lectures (continued from Lent Term), on Wednesdays, at 12 noon, beginning 28th April. Fee, 12s. 6d.

By Professor URWICK.

Admission to this course will be exclusively by permission of Professor Urwick.

- 133 15. **The Application of Economic Principles to Social Questions.** A course of nine lectures, on Mondays, at 11 a.m., beginning 26th April. Fee, 12s. 6d.

By Professor URWICK and Miss CHRISTIE.

Syllabus. Social and economic aspects of Co-operation. Co-partnership. Socialism. National Guilds. Housing. Unemployment. Competition and the motives of Industry and Commerce. Mechanical inventions and the position of the worker.

This course is intended for students who have attended the lectures on Social Economics in the previous terms or have otherwise obtained some knowledge of economic theory.

- 127 16. **Industrial Problems.** A composite course of nine lectures, on Mondays, at 5 p.m., beginning 26th April. Fee for the course, 12s. 6d.; for separate lectures, 2s. 6d.

Mon., 26th April &	'Trade Unions, Their Use and Development.'	Mr. J. J.
„ 3rd May	MALLON, <i>Secretary, National Anti-Sweating League.</i>	
„ 10th May	'Trade Unions for Women.'	Dr. MARION PHILLIPS, <i>Chief Woman Officer of the Labour Party.</i>
„ 17th May	'Labour from an Employer's Point of View.'	Mr. ERNEST D. SIMON, M.I.C.E.
„ 31st May &	'Trade Unions, Their Present Position and Future Difficulties.'	
„ 7th June	Mr. MALLON.	
„ 14th June &	'State Regulation of Industry.'	Miss CONSTANCE SMITH, <i>Senior Lady Inspector of Factories, Home Office.</i>
„ 21st June		
„ 28th June	'Minimum Wage Legislation.'	Mr. G. T. REID, <i>Secretary, Court of Arbitration.</i>

Special Classes will also be taken by Mr. ATTLEE, Miss HARRISON, and others, for students interested in Welfare Work, of which details are given in a separate leaflet.

A course of lectures will be given at Bedford College by Miss BEATRICE EDGELL on Psychology of Social Conduct, on Tuesdays, at 10 a.m. It will be found very useful by students who have not had any training in Psychology. Details of this course may be obtained from the Head of the Department.

Other Lectures and Classes recommended to students of the Department, especially to candidates for the Academic Diploma of the University in Sociology and Social Administration. See page 11.

- Social Institutions. Professor WESTERMARCK.
- Early Beliefs and their Influence on Social Relationships and Institutions. Professor WESTERMARCK.
- Elements of Economics. Professor CANNAN.
- Current Statistical Questions. Professor BOWLEY.
- Methods and Applications of Statistics. Professor BOWLEY.
- The Growth of English Commerce and Colonisation, with special reference to the period after 1846. Dr. KNOWLES.
- The History of Political Ideas. Mr. G. LOWES DICKINSON.
- The British Constitution. Mr. LEES SMITH.
- The Problems of Central Government. Mr. LEES SMITH.
- The Local Government of England. Mr. LEES SMITH.
- Public Administration, with special reference to the Local Government of Great Britain. Professor GRAHAM WALLAS.

All the above courses of lectures are open without extra fee to students in the Department who are taking the Course for the Certificate or the Diploma; but students are advised to attend only the lectures selected for them by their Tutors.

LIST OF BOOKS.

(A) FOR PRELIMINARY STUDY:—Ruskin, J., *Unto this Last* (Allen and Unwin, 2/- net); Bosanquet, Helen, *Strength of the People* (Macmillan, 10/6 net); Gray, B. Kirkman, *Philanthropy and the State* (King, 7/6 net); Urwick, E. J., *Philosophy of Social Progress* (Methuen, 7/6); Hobson, J. A., *The Social Problem* (Nisbet, 2/6 net); Muirhead, J. H., *Service of the State* (Murray, 5/- net); Wallas, Graham, *The Great Society* (Macmillan, 7/6 net); Hobhouse, L. T., *Democracy and Reaction* (Unwin, 5/-); McCunn, J., *Ethics of Citizenship* (Maclehose, 2/6 net).

(B) DESCRIPTIVE BOOKS:—Paterson, A., *Across the Bridges* (Arnold, 2/-); Rowntree, B. S., *How the Labourer Lives* (Nelson, 3/6 net); Shadwell, A., *Industrial Efficiency* (Longmans, 6/6 net); Bray, R. A., *The Town Child* (Unwin, 3/6); Hughes, M. L. V., *Citizens to Be* (Constable, 4/6); Freeman, A., *Boy Life and Labour* (King, 4/-); Pember Reeves, Mrs., *Round about a Pound a Week* (Bell, 2/6); Bell, Lady, *At the Works* (Arnold, 1/3); Pepler, D., *The Care Committee, The Child and the Parent* (Constable, 2/6 net); Bray, R. A., *Boy Labour and Apprenticeship* (Constable, 5/- net); Dunlop, J., and Denman, R. D., *English Apprenticeship and Child Labour* (Unwin, 10/6 net).

(C) INDUSTRIAL HISTORY:—Ashley, W. J., *Economic Organisation of England* (Longmans, 4/-); Meredith, H. O., *Outlines of the Economic History of England* (Pitman, 6/- net); Toynbee, Arnold, *The Industrial Revolution* (Longmans, 3/- net); Slater, Gilbert, *The Making of Modern England* (Constable, 7/6 net.); Hammond, J. L. and Barbara, *The Town Labourer* (Longmans, 10/6 net); Warner, G. Townsend, *Landmarks in English Industrial History* (Blackie, 6/-); Cunningham, W., *Growth of English Industry and Commerce, Vol. III.* (Cambridge University Press, Part 1, 12/- net, Part 2, 9/- net).

(D) ECONOMICS:—Clay, H., *Economics for the General Reader* (Macmillan, 4/6 net); Cannan, Edwin, *Wealth* (King, 5/-); Hobson, J. A., *Science of Wealth* (Williams and Norgate, 2/- net); *The Industrial System* (Longmans, 7/6 net); Taussig, F. W., *Principles of Economics* (Macmillan, 2 Vols., 17/- net); Seager, Henry R., *Brief Economics* (Bell, 7/6 net); Smart, William, *The Distribution of Income* (Macmillan, 3/6 net); Gide, Charles, *The Principles of Political Economy* (Harrap, 12/6).

(E) LABOUR QUESTIONS:—Lloyd, C.M., *Trade Unionism* (Black, 3/6); Webb, S. and B., *Industrial Democracy* (Longmans, 12/- net, 1911); Cole, G. D. H., *The World of Labour* (Bell, 5/- net); Fay, C. R., *Co-operation at Home and Abroad* (King, 12/- net); Snowden, P., *Socialism and Syndicalism* (Collins, 1/- net); Sombart, W., *Socialism and the Social Movement* (trans. 1909, Dent, 3/6 net); Skelton, O. D., *Critical Examination of Socialism* (Constable, 7/6 net); Estey, J. A., *Revolutionary Syndicalism* (King, 7/6 net); Cole, G. D. H., *Self Government in Industry* (Bell, 4/6 net); Briscoe, Norris A., *Economics of Efficiency* (Macmillan, 6/6 net).

LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE.

(University of London.)

CLARE MARKET, PORTUGAL STREET, KINGSWAY, W.C.2.

Session 1919-20.

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE
(UNIVERSITY OF LONDON),
Clare Market, Portugal Street, Kingsway, W.C. 2.

The GOVERNORS

request the honour of your presence at

A PUBLIC LECTURE

to be given on

MONDAY, OCTOBER 20th, at 5.30 p.m.,

by

Sir WILLIAM BEVERIDGE, K.C.B., Director of the School,

on

“The Public Service in War and in Peace.”

The Chair will be taken by the

Rt. Hon. AUSTEN CHAMBERLAIN, M.P., Chancellor of the Exchequer.

No answer is required, but this card should be brought with you.

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hree lectures
..D., F.B.A.,
on Thursdays,

*These lectures are given at the London School of Economics and Political Science with the approval of the Senate and by arrangement with the Council of University College.

For particulars of other lectures at the London School of Economics and Political Science, see the School Calendar, price 6d.; by post 8½d.

LIST OF BOOKS.

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Session 1919-20.

PUBLIC LECTURES.—REVISED NOTICE.

The Public Lectures, postponed owing to the railway strike, will now be given as follows:—

The Public Service in War and in Peace, a lecture by SIR WILLIAM BEVERIDGE, K.C.B., M.A., B.C.L., Director of the School, on Monday, 20th October, at 5.30 p.m. The Right Hon. AUSTEN CHAMBERLAIN, M.P., Chancellor of the Exchequer, in the Chair.

Railway Professional Education, a lecture by W. M. ACWORTH, M.A., on Thursday, 23rd October, at 6.15 p.m. The Right Hon. Sir ERIC GEDDES, G.C.B., G.B.E., M.P., Minister of Transport, in the Chair.

The Importance of the River Rhine in the New Map of Europe, a lecture by H. J. MACKINDER, M.A., M.P., Reader in Geography in the University of London, on Friday, 24th October, at 5 p.m. Colonel L. S. AMERY, Under-Secretary for the Colonies, in the Chair.

British Prize Courts and Prize Law during the Great War, a lecture by A. PEARCE HIGGINS, C.B.E., M.A., LL.D., Professor of International Law in the University of London, on Wednesday, 29th October, at 5 p.m. The Right Hon. SIR GORDON HEWART, K.C., M.P., Attorney-General, in the Chair.

***International Labour Legislation**, a course of three lectures by Professor Sir JOHN MACDONELL, K.C.B., M.A., LL.D., F.B.A., Professor of Comparative Law in the University of London, on Thursdays, at 5.30 p.m., in Michaelmas Term, beginning 20th November.

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TWO PUBLIC LECTURES
ON
"Labour Conditions in South Africa"

WILL BE GIVEN AT
THE LONDON SCHOOL OF ECONOMICS AND
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(UNIVERSITY OF LONDON),

CLARE MARKET, PORTUGAL STREET, KINGSWAY, W.C.2,

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R. A. LEHFELDT, D.Sc.,

PROFESSOR OF ECONOMICS AT THE SOUTH AFRICAN SCHOOL OF MINES AND
TECHNOLOGY, JOHANNESBURG (UNIVERSITY OF SOUTH AFRICA),

At 6 p.m.,

On Mondays, 24th November and 1st December, 1919.

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K.C.B., M.A., B.C.L.,

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Present day industrial conditions in the large towns; competition between white and black labour; proportion between the races in numbers and in rate of pay.

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In these Lectures it is proposed to give a critical account of officially published statistics relating to some recent and current movements.

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- & 26.
- Feb. 2. 3. Wages. Recorded changes since 1914 and their relation to the cost of living.
- .. 9. 4. Employment of women and their wages.
- .. 16. 5. Hours of work and industrial fatigue.
- .. 23. 6. Agriculture. Production, wages and prices.
- Mar. 1. 7. International comparison of price-changes.
- .. 8. 8. Foreign trade since 1914. The gaps in the published information.
- .. 15. 9. The general report of the census of 1911. Subsequent information relating to population.
- .. 22. 10. The personnel of the working-class family before the war.

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AND POLITICAL SCIENCE
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BY

SIDNEY WEBB, LL.B.,

PROFESSOR OF PUBLIC ADMINISTRATION IN THE UNIVERSITY
OF LONDON,

At 5 p.m.,

On Tuesdays, beginning 20th January, 1920,

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SYLLABUS.

The changes produced or revealed by the war. The desire of the Wage-earners for “Self-determination”; the experience of “Co-operative production” and “Co-partnership”; the Achievements and Limitations of the Co-operative Movement; the possible developments of Trade Unionism and “Guild Socialism”; the Growth of State and Municipal Enterprise; Professional Association; the need for, and the possibility of, Stratification in Democracy.

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AT

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The Course, as a whole, is open only to students in the Department and to those engaged in Welfare Work.

Lectures.

DATE.	SUBJECT.	LECTURER.
* <u>Jan. 27th</u>	Welfare Work from an Employer's point of view	Sir Edward Penton, K.B.E.
* <u>Feb. 3rd</u>	Welfare Work from the Trade Union point of view,	Mr. F. S. Button, of the Amalgamated Society of Engineers.
Feb. 10th	The place of Welfare Work in Industry	Miss Kelly, B.A., President of Welfare Workers' Institute.
Feb. 17th	The Employment Manager	Mr. A. S. Cole, Employment Manager, Peek Frean & Co., Ltd.
Feb. 24th	Canteen Management	Miss Morgan.
* <u>Mar. 2nd</u>	Welfare and Self-Government ...	Professor Hobhouse, M.A.
Mar. 9th	Welfare Work and Education ...	Mr. Charles Cullen, M.A., Industrial Welfare Society.
Mar. 16th	Works Committees and Industrial Councils	Mr. R. Entwistle, Adviser and Lecturer on Industrial Administration.
Mar. 23rd	Recreation	Miss Hadow, Secretary of Barnett House, Oxford.
* <u>Mar. 30th</u>	Welfare and Efficiency	Professor Urwick, M.A.

*Lectures marked thus are open to the public without fee.

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"The New Geography of Europe"

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BY

Sir HALFORD J. MACKINDER, M.P.

READER IN GEOGRAPHY IN THE UNIVERSITY OF LONDON.

At 6 p.m.,

On Wednesdays, beginning 28th April, 1920

Fee for the Course, 10s. 6d.

SYLLABUS.

In the process of centuries the political map of Europe had adapted itself to the physical map, with important consequences, both economic and strategical. The new political map, as now nearing completion, makes great changes, and the "fit" of the political to the physical map is no longer the same. To cite only a single example: Vienna has probably the highest degree of "nodality" of any city in Europe, and its economic life had acquired a great "momentum" in consequence, but the new political map neglects that fact. What has geography to say on this "misfit"? There are other changes of only a little less importance. What, for instance, will be the result of the inclusion of the iron mines of Lorraine within France?

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SIX LECTURES

The New Geography of Europe

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AND POLITICAL SCIENCE

CLARE MARKET PORTLAND ST. KINGSWAY, W.C.2

BY MALCOLM J. MACKINDER, M.A.

On Wednesday, beginning 28th April 1920

Syllabus

In the present of studies the subject of Europe has
 almost passed to the physical map with its natural boundaries
 and its political and economic divisions. The new political map of
 Europe is a mere patchwork of states and the "old" map of
 Europe is the physical map. It is no longer the same. It is
 a single continent. It is no longer the "old" Europe of
 "Western" and "Eastern" Europe. It is a single continent
 and its "divisions" are "conventional" and not
 political. It is no longer a "continent" but a
 "continent". There are other continents of course but this
 continent. What is the future of the continent?
 Is the continent of Europe still a continent?

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