

wifery, £5 5s. The admission fee, less the sum paid to the examiners, will be returned to rejected candidates. The examinations for these licences are held in the week following the first Friday in February, May, and November. Notice must be given, and the schedule transmitted at least four days before the first Friday in each of the above months to the Registrar of the Royal College of Physicians of Ireland, Kildare Street, Dublin, from whom further information can be obtained. A special examination can be obtained under certain conditions which can be ascertained on application to the Registrar.

Membership.—A candidate for the Membership of the College must be 25 years of age and a Licentiate of the College of three years' standing, or if a graduate of Arts of a university in the United Kingdom, a Licentiate of one year's standing, or if a practitioner of seven years' standing, then he is admitted to the Membership after one year. He must not be engaged in trade, dispense medicine, or practise in partnership. He must also have held during at least six months the office of resident physician or resident medical pupil, or have acted during the same period as medical clinical clerk in a recognised hospital, or have been in medical charge for at least twelve months of a public institution for the treatment of the sick. Every candidate must pass an examination in: (1) Principles of Medicine, including Pathology, Morbid Anatomy, and Medical Chemistry; (2) Practice of Medicine, including Principles of Public Health; (3) Clinical Medicine. The fee for the examination is £21, which must be lodged in the Royal Bank, Dublin, before the applications and certificates are sent in. The admission fee, less the sum paid to the examiners, will be returned to the rejected candidates. The examinations are held in January, April, July, and October.

ROYAL COLLEGE OF SURGEONS IN IRELAND.

The Licence.—Candidates who hold registrable surgical diplomas including the licence of the Apothecaries' Company, London, granted since October, 1886, are admitted to examination without further evidence of study, but candidates who hold medical qualifications only, including the L.S.A. granted before October, 1886, will be required to produce certificates of two courses of lectures in Anatomy and Dissections, one course of Practical Histology, one course of lectures in Surgery, and one course of Operative Surgery.

Subjects.—Candidates are examined in Surgery, Clinical Surgery, Operative Surgery, Surgical Appliances, and Ophthalmic Surgery. The examination is partly written, partly *vivâ voce*, and partly practical. The fee is £26 5s., of which £5 5s. is retained by the College in case the candidate be unsuccessful. The fee for a special examination is £31 10s.

Diploma in Midwifery.—A diploma in Midwifery is granted after examination to persons possessing a registrable qualification. Candidates must produce evidence of (a) attendance on a course of lectures on Midwifery and Diseases of Women and Children in a recognised school; (b) attendance on six months' practice of a recognised lying-in hospital or recognised dispensary for lying-in women and children; and (c) of having conducted at least thirty labour cases. The fee for the examination is £15 15s., of which £5 5s. is retained by the College in case the candidate is unsuccessful.

FELLOWSHIP.

A candidate for the Fellowship shall make application to the President and Council to be admitted to examination, and, if the Council decide to entertain the application, it shall lie on the table for at least a fortnight for consideration before it is put to the Council for approval. All the required evidences of study or qualification, fees, and testimonials as to character must be submitted previously to its being so considered, and the candidate shall then, if approved by the Council, be admitted to the next Sessional Examination or to a Special Examination if granted by Council, at such date as the President may fix. In order that these regulations may be carried out, candidates are required to enter their names with the Registrar at least one month before the date of examination.

Periods of Examination.—Sessional Fellowship Examinations commence, as far as arrangements permit, on the third Mon-

days in February, May, and November. Special Examinations may be granted at other times by the Council if they see fit, on sufficient cause being shown.

Grades of Examination.—Candidates for the Final Fellowship Examination are divided into two grades: (1) Licentiates or graduates in surgery of less than ten years' standing. (2) Licentiates or graduates in Surgery of more than ten years' standing. Students not either Licentiates or Graduates in Surgery, are permitted to present themselves for the Primary Examination under Grade 1 at the end of their third winter course of dissections.

Grade 1.—Candidates are required to pass two Examinations—Primary and Final. But candidates may present themselves for the Final Examination immediately after passing the Primary part, provided they have complied with the necessary regulations. The subjects for the Primary Examination are: (a) Anatomy, including Dissections, (b) Physiology and Histology; those for the Final are: (a) Surgery, including Clinical and Operative Surgery, (b) Surgical Pathology.

Grade 2.—The subjects of examination are: (a) Surgical Anatomy, (b) Surgery, including Clinical and Operative Surgery, (c) Surgical Pathology.

Fees—Grade 1: For Licentiates of the College—for Primary Examination, 15 guineas; for Final Examination, 10 guineas. For Licentiates in Surgery of other licensing bodies—for Primary Examination, 25 guineas; for Final Examination, 15 guineas; for Students of the College, Primary Examination, 5 guineas; Final Examination, 20 guineas; for Students of other licensing bodies, Primary Examination, 10 guineas; Final Examination, 30 guineas. **Grade 2:** Licentiates of the College, 25 guineas; Licentiates in Surgery of other licensing bodies, 40 guineas. Extra fee for Special Examination, 10 guineas. In case of rejection, £10 10s. in addition to the Special Fee, if such has been paid, is retained by the College, and is not allowed in the fees of re-examination. In the case of Fellowship candidates who fail to present themselves for the examination at the time fixed, without having previously given at least a week's notice of their withdrawal, £5 5s. of the fees is retained by the College.

Regulations and entrance forms can be obtained from the Registrar at the College.

APOTHECARIES' HALL OF IRELAND.

The Apothecaries' Hall of Ireland is now entitled to grant a full registrable diploma entitling the holder to practise Medicine, Surgery, and Midwifery. For this qualification there are four examinations, the fees for which are £5 5s. each, except for the Fourth or Final, £6 6s. Also it grants the power to practise as an Apothecary through Ireland along with above, but it is not granted separately except to persons holding other qualifications registered. The Hall grants its licence to qualified practitioners, whose names appear on the *Medical Register*, who wish to add this to other qualifications. The fee is £10 10s. on examination.

The Hall has ceased to be conjoined with the Royal College of Surgeons of Ireland, but candidates who entered their names previous to the cessation of that examination are allowed to enter for examination under that system on applying to the Secretary, Dr. Woods, Merrion Square, Dublin.

Further information can be obtained from R. Montgomery, M.R.C.S., Secretary of the Apothecaries' Hall, Dublin.

NOTES ON MEDICAL SCHOOLS AND COLLEGES.

LONDON.

At the present time the Statutory Commission is still engaged in settling the regulations under which the University of London will in future grant its degrees. We have been asked by the deans of many medical schools in London to call attention to the fact that those who desire to obtain the degree of M.D. should make themselves acquainted with the existing regulations of the London University, and take care to pass at least the matriculation examination before seeking to

enter a medical school in London. Most of the medical schools have special regulations to meet the case of those who commence their studies at the Universities of Cambridge or of Oxford. This involves a residence of three years in one or other university, during which the earlier subjects of the medical curriculum—including anatomy and physiology—can be taken. It should be clearly understood that the Conjoint Board in England, consisting of the Royal Colleges of Physicians and Surgeons, does not grant a degree but the diplomas of L.R.C.P. and M.R.C.S. The Society of Apothecaries grants a licence to practise, which is a registrable qualification. Those intending students who desire to obtain a university degree should from the first regulate their course of preliminary study in accordance with the requirements of the university which they may select to enter.

The following particulars as to the twelve medical schools in London which provide for the full curriculum will be useful to students who purpose to prosecute their studies in the metropolis. The arrangements at the various medical schools are everywhere the same in principle, and are in conformity with the requirements of the General Medical Council and the qualifying bodies. The laboratories for chemistry, physiology and histology, and pathology have at most of the schools been greatly improved during recent years, and the facilities for instruction at the smaller as well as at the larger schools are now in most respects very complete, and are yearly extended and improved.

ST. BARTHOLOMEW'S HOSPITAL MEDICAL SCHOOL.

The Hospital contains 750 beds.

Appointments.—Clinical Clerks to the Physicians and to the Physician-Accoucheur, and Dressers to the Surgeons and in the Casualty Department are chosen from the students. Clerks and Dressers are also selected from the students to attend in the out-patient rooms, in the special departments (Ophthalmic, Orthopædic, Gynæcological, Laryngological, Aural, Dermatological, Electrical, and Dental), and in the *post-mortem* room. Ten House-Physicians and ten House-Surgeons are appointed annually. During their first six months of office they act as "Junior" House-Physicians and House-Surgeons, and receive a salary of £25 a year. During their second six months they become "Senior" House-Physicians and House-Surgeons, and are provided with rooms by the hospital authorities, and receive a salary of £80 a year. A resident Midwifery Assistant and an Ophthalmic House-Surgeon are appointed every six months, and are provided with rooms and receive a salary of £80 a year. Two Assistant Anæsthetists are appointed annually, and receive salaries of £120 and £100 a year respectively. An Extern Midwifery Assistant is appointed every three months, and receives a salary of £80 a year. Two Assistant Electricians are elected every six months.

There is a residential college within the precincts of the Hospital.

This year a new Physical Laboratory has been added to the school, and it has been furnished in such a manner as to satisfy all modern requirements.

The Physiological Laboratory was—in 1898—rearranged and equipped with all the most modern appliances, including electric motor for experimental work, etc.

The ground—10 acres in area—provided for the use of the members of the Students' Amalgamated Clubs is at Winchmore Hill, within easy reach of the Hospital.

Special classes for students preparing for the Preliminary Scientific Examination will commence October 2nd. Special laboratory instruction for the D.P.H. of Cambridge, Oxford, Durham, and London, is also given. Tutorial Classes in all subjects are held in preparation for all University and other examinations without further fee.

Entrance Scholarships.—Four Scholarships and one exhibition of the value of £150, £75, £75, £50, and £20 respectively, tenable for one year, will be competed for at the end of September; candidates must be under 5 years of age. The subjects are Physics and Chemistry

for one, Physiology and Biology for the other. Two Junior open Scholarships, value £150 and £50, will be competed for at the same time in the subjects of the London University Preliminary Scientific Examination. Candidates must be under 20 years of age. The successful candidates must enter at St. Bartholomew's Hospital in the October succeeding the examination. Jeaffreson Exhibition: £20; examination at the end of September; subjects: Latin, Mathematics, and any one of the following languages—Greek, French, German. Candidates for the open Scholarships and the Jeaffreson Exhibition must not have entered to the hospital practice of any metropolitan medical school. The Treasurer's Research Studentship in Pathology, of the value of £100 a year, is given by election to the most promising of the recently qualified men. The Research Student must engage in original work in the Hospital laboratories. The total value of the Scholarships and Prizes is nearly £900 per annum.

Fees.—The composition fee is 150 guineas.

Communications regarding the Hospital and Medical College must be addressed to Dr. James Calvert, Warden of the College, St. Bartholomew's Hospital.

CHARING CROSS HOSPITAL MEDICAL SCHOOL.

The Hospital contains 180 beds, and is now being enlarged. Students are also admitted to the practice of the Royal Westminster Ophthalmic Hospital, which contains 30 beds.

Appointments.—In the Medical School Demonstratorships and Assistant Demonstratorships, when they fall vacant, are open to students of the school, and carry honoraria. The Curator and Pathologist is appointed annually, and receives £100 a year. Medical and Surgical Registrars to the Hospital are appointed annually, and receive £40 a year each, with luncheon in the Hospital. Six House-Physicians, six House-Surgeons, and two Resident Obstetrical Officers are appointed each year on the recommendation of the Medical Committee, after Competitive Examination. They are provided with board and residence in the hospital. An assistant to the Roentgen and Electrical Departments is appointed every six months. He receives an honorarium of 12 guineas, with luncheon at the Hospital. Clinical Clerks, Dressers, and Surgical Ward Clerks are appointed in all the general and special departments of the Hospital. Arrangements can be made for students who have not entered for the entire medical curriculum to hold the posts of Clerk and Dresser. Every student holds in turn the appointment of Pathological Assistant, and assists at the *Post-mortem* Examinations. The above appointments are open without any additional fee.

Entrance Scholarships.—Five Entrance Scholarships, of the respective value of 100 guineas (Livingstone Scholarship, founded in memory of the late Dr. Livingstone, a former student of this school), 60 guineas, 55 guineas (Huxley Scholarship, founded in memory of the late Professor Huxley, a former student of this school), 40 guineas, and 30 guineas are open to students commencing their medical curriculum. Three of these (100 guineas, 60 guineas, and 40 guineas) are open to all general students,¹ one (55 guineas) is reserved for the sons¹ of medical men, and one (30 guineas) is open to Dental students only. All these Scholarships are awarded annually at the commencement of each winter session, after a competitive examination in the following groups of subjects: (1) English, including Language, History, and Geography; (2) any two of the following four languages—Latin, Greek, French, and German; (3) Mathematics, including Arithmetic, Algebra, and Geometry; and Mechanics, including Statics and Dynamics; (4) Inorganic Chemistry and Experimental Physics, including Acoustics, Heat, Magnetism, Electricity, and Optics; and (5) Animal and Vegetable Biology. No candidate may offer himself for examination in more than three of the above groups of subjects, the selection of the groups being left to the candidate. Students who join in the summer session have the same privileges as regards scholarships, medals and prizes as those who join in October of the same year. The value attached to each group of subjects is 1,000 marks. No credit will be given for any paper in which the candidate obtains less than one-fifth of the total marks. Candidates must be under 25 years of age on the first day of

¹ Those who enter for their entire medical education.

the examination. In the first three groups the subjects, as regards extent and the authors selected, will be the same as those chosen for the Matriculation Examination of the University of London in the June immediately preceding; in the fourth and fifth, the same as those for the Preliminary Scientific Examination of the same University. Candidates must give notice to the Librarian of their intention to compete, and of the groups in which they offer themselves for examination, on or before Saturday (10 A.M.), September 23rd, 1899. The examination will commence at the school on Monday, September 25th, at 9 A.M., and will continue during the two following days. The successful candidates will be required to enter forthwith for their complete medical education at the Charing Cross Hospital.

One Epsom Scholarship, giving a free education, is, at the commencement of each winter session, placed at the disposal of the Royal Medical Benevolent College at Epsom, to be competed for by their foundation scholars who have passed the Preliminary Scientific M.B. Examination of the University of London.

Two Universities Scholarships, of the value of 60 guineas each, are open to students from the University of Oxford who have passed the First M.B. Examination, to students of the University of Cambridge who have passed the Second M.B. Examination, and to students of the University of London who have passed the Intermediate Examination in Medicine, and who have not entered at any London Medical School. Subjects: Anatomy and Physiology, including Histology. The examination for these Scholarships, which will be partly practical, will be held at the school on September 27th and 28th. Candidates must give notice to the Librarian of their intention to compete on or before Monday (2 P.M.), September 26th, 1898. The successful candidates will be required to enter forthwith at the Charing Cross Hospital for the completion of their curriculum.

Fees.—The composition fee is 110 guineas.

Further information may be had of the Dean, Dr. Montague Murray, Charing Cross Hospital Medical School, Chandos Street, Strand, London, W.C.

ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.

The Hospital contains 351 beds, of which 205 are devoted to Surgical, and 146 to Medical cases.

Appointments.—Four House-Physicians and four House-Surgeons are appointed quarterly from among the perpetual pupils; they hold office for six months in each capacity in succession, and reside and board in the hospital free of expense. An obstetric assistant is appointed half-yearly; he must be a legally qualified practitioner. He resides and boards in the hospital, and receives a salary at the yearly rate of £100. A Curator of the Pathological Museum, a Medical, and a Surgical Registrar are appointed annually from among the senior pupils, each with a salary of £50; another Medical Registrar with a salary of £30; and an Assistant Curator, with a salary of £30. A Senior Anæsthetist is appointed annually, with a salary of £50 a year; and two Junior Anæsthetists with salaries of £30. As the result of a competitive examination held every three months, those students who desire to proceed to the offices of House-Physician and House-Surgeon are appointed as assistants during twelve months in the special and general divisions of the out-patient departments. Two Demonstrators of Anatomy are appointed annually, each with a salary of £50. Each pupil of the Hospital must act as Clinical Clerk and Dresser before a certificate of attendance on hospital practice can be signed.

Entrance Scholarships.—The following Entrance Scholarships are offered for competition: 1. A Scholarship, value £150, for the sons of medical men who have entered the schools during the current year. 2. Two Scholarships, each of £50, open to all students commencing their studies. The subjects for these three Scholarships will be Latin, Greek, French, German, Mathematics, Physics, Chemistry, and Physiography. Three of these to be taken, at option, save that at least one linguistic and one scientific subject must be taken. The examination for all these scholarships will be held on September 26th to 29th. 3. Two Scholarships, value £85, for students who have entered during the current year, and have passed or completed the curriculum for the Oxford First M.B. or the Cambridge Second M.B. Subjects for these three Scholar-

ships: Organic Chemistry, Anatomy, Physiology, Zoology, Botany; any two to be taken at option. 4. A Scholarship, value £85, for students of Provincial University Colleges in England and Wales who have entered the School during the current year, and have passed or completed the curriculum for the First M.B. of London or the corresponding examination of the Victoria University or of Durham. The examinations for these Scholarships will commence on October 5th.

Fees.—The composition fee is £150.

Further information may be obtained from the Dean of the School; from any of the Lecturers; or from Mr. F. J. Marshall, the Resident Medical Officer at the Hospital.

GUY'S HOSPITAL MEDICAL SCHOOL.

The Hospital contains more than 600 beds, of which 546 are in constant occupation. Thirty-six beds are set apart for diseases of the eye, and 40 for the most urgent and interesting medical cases, which form the subjects of the weekly clinical lectures. One of the wards containing 40 beds, which has been closed for fifteen years, has been reopened for the reception of cases of diseases of women. A few beds will be reserved for cases of difficult labour.

Appointments.—All appointments are given without extra payment, and according to the merits of the candidates, as determined by a committee of the medical staff. Eight assistant house-physicians, 8 house-physicians, 24 assistant house-surgeons, and 8 house-surgeons are appointed annually. The house-physicians and house-surgeons hold office for six months each, and receive free board and lodging in the college, as also do the resident obstetric assistants, of whom 8 are appointed annually, each holding office for 6 months. Every student is provided with rooms and commons in the hospital during the period of his "take in" as a dresser. In addition to the clerkships and dresserships in the medical and surgical wards, students are appointed to the posts of clinical assistant, dresser, or clerk in the special departments of ophthalmology, laryngology, gynaecology, dermatology, otology, electricity, anæsthetics, and dentistry. More than 150 additional appointments have recently been added to the list of those annually open to students of the hospital, the majority of them being in the special departments.

The College, fronting the east gate of the Hospital, provides accommodation for 60 resident students. It contains a dining hall, reading rooms, library of general literature, and gymnasium for the use of the residents and of the members of the Clubs Union. The athletic ground is easily accessible.

Scholarships, Prizes, etc.—Entrance Scholarships in Arts: Two of the value of £100 each open to candidates under 20 years of age, and one of £50 open to candidates under 25. Subjects: English, Latin, Arithmetic, Algebra, Euclid, and either Greek, French, or German. Entrance Scholarships in Science: Two of £150 and one of £50, open to candidates under 25, and of £50 to University students who have completed their study of Anatomy and Physiology. Subjects: Anatomy, Physiology, Chemistry, Practical Chemistry, Biology, and Physics. These examinations begin on September 27th; names must be sent in on or before September 12th. Junior prizes for general proficiency, £20, £15, £10; Arthur Durham prizes for dissection, £15, £5; Hilton prize for dissection, £5; Michael Harris prize for Anatomy, £10; Sands Cox scholarship for physiology, £15 for three years; Wooldridge Memorial prize for physiology, £10. Senior prizes for general proficiency, £20, £15, £10; Beaney prize for pathology, £34; Bredin prize for clinical study, £25; Treasurer's gold medal in medicine, Treasurer's gold medal in surgery, and the Golding-Bird gold medal and scholarship (£20) for sanitary science are awarded annually after competitive examination. The Gull Studentship in pathology and the Beaney Scholarship in materia medica, of the annual value of £150 and £31 10s. respectively, are awarded without examination to enable the holders to carry on research in these subjects.

Practical Classes.—An advanced course of Practical Physiology is held in the new laboratories during the winter session and in association with the advanced course of Practical Anatomy is designed to prepare candidates for the University and Fellowship examinations in these subjects.

Special classes are held for the Preliminary Scientific examination of the London University throughout the year.

Two courses of laboratory instruction for the D.P.H. are conducted annually.

Fees.—The composition fee is 150 guineas.

The Clubs Union recreation ground, situated at Honor Oak Park, is reached from the Hospital in less than twenty-five minutes.

KING'S COLLEGE MEDICAL FACULTY.

The Hospital contains 220 beds in daily use.

Appointments.—Resident Medical Officers, Clerks, and Dressers are chosen from matriculated students, and the former have rooms and commons free. Two Sambrooke Registrarships, Medicine and Surgery, of the annual value of £50 each, are open to matriculated students who have filled any of the higher appointments of the Hospital. Clinical assistants are appointed in the Ophthalmic, Ear, and Throat Departments.

Entrance Scholarships.—1. Two Warneford Scholarships, for the encouragement of previous education, each £75 value; subjects of examination, Mathematics, Classics, Divinity. 2. Two Sambrooke Exhibitions, one £60 and one £40, open; subjects of examination, Mathematics, Elementary Physics, Inorganic Chemistry, Botany, and Biology. 3. Rabbeth Scholarship, value £20, in July, for best evidence of early scientific training. 4. Two Scientific Exhibitions, open, given annually, in October, by the Clothworkers' Company, value £60 and £40, for proficiency in any four of the following subjects: Mathematics, Mechanics, Physics, Chemistry, Botany, Geology, Mineralogy, and Zoology will be open to all candidates who are under the age of 19. 5. Medical Entrance Scholarships.—One of 70 guineas and one of 60 guineas, instituted for Students who propose to take their degree at Oxford, Cambridge, or other British University, having already passed the examination of that University in Biology, Chemistry, and Physics.

During the curriculum Scholarships and Prizes of the value of £300 are open to matriculated students.

For conditions of Scholarships and subjects of Examinations apply to the Dean, Medical Faculty. Examinations commence September 25th.

The Dean of the Medical Department, Professor A. W. Hughes, attends daily (Saturdays excepted) at King's College for the purpose of seeing students and their friends. Any letter addressed to the Dean during the vacation will receive early attention.

University of London.—A special class for the Matriculation Examination will commence of September 25th. Classes for the science subjects are held by the Professors of the Science Faculty of King's College, and students avail themselves of their laboratories.

Fees.—The composition fee is £135.

Athletic Club.—All students are entitled to the privileges of the Athletic Club, which manages a large recreation ground of the College at Wormwood Scrubbs.

Resident Chambers are available for students. The cost of the academical year varies from £50 to £60 for rent of rooms and dinner.

LONDON HOSPITAL MEDICAL SCHOOL.

The Hospital is the largest general hospital in the kingdom; it contains nearly 800 beds.

Appointments.—Among the salaried appointments open to students are those of Medical Registrar, Surgical Registrar, Medical, Surgical, and Obstetric Tutors, Receiving-room Officers, and Medical, Surgical, and Ophthalmic Clinical Assistants. There are also Resident House-Physicians and Resident House-Surgeons and Accoucheurs. In addition there are Assistantships, and Clerkships, and Dresserships in the various departments.

Scholarships and Prizes.—The following is a list of scholarships and prizes. *At Entrance:* Price Scholarships in Science, £120; in Anatomy and Physiology, £60; Entrance Scholarships in Science, £60 and £35; Epsom Scholarship, £126; Buxton Scholarships in Arts, £30 and £20. *After Entrance:* Anatomy and Biology Scholarship, £20; Anatomy and Physiology Scholarship, £25; Letheby Prize, Senior, £20; Letheby Prize, Junior, £10; Scholarships in Clinical Medicine, Surgery, and Obstetrics, £20 each; Duckworth Nelson Prize, £10; Hutchinson Prize, £35; Sutton Prize, £20; Sir Andrew

Clark Prize, £26; Anderson Prizes, £9; Out-patient Dressers' Prizes, £60; Practical Anatomy Prizes, £10.

A special course for the D.P.H. will commence at the beginning of the winter session.

Fees.—The composition is 120 guineas. A reduction of 15 guineas is made to sons of medical men.

New Buildings.—The new buildings providing greater space for the Departments of Bacteriology, Public Health, Chemistry, and Biology are now completed (see BRITISH MEDICAL JOURNAL, July 22nd, 1899, p. 248).

Information may be obtained from the Warden, Mr. Munro Scott, at the London Hospital Medical College, Mile End, E.

ST. MARY'S HOSPITAL MEDICAL SCHOOL.

The Hospital contains 281 beds; the number will shortly be raised to 381.

Appointments.—Three House-Physicians and three House-Surgeons are appointed for six months each, and two Obstetric Officers for six months each; all live free of expense in the Hospital. All students must act as Clinical Clerks and Dressers for eight months after passing the Primary Examination, and after having acted as Dressers for two months in the Casualty Department. Demonstrators of Anatomy are appointed annually at salaries of £70; two, or more if necessary, Assistant Demonstrators and two Prosectors with an honorarium of £5 each; a Demonstrator of Physiology at a salary of £100, and two or three Assistant Demonstrators, who receive an honorarium of £5; a Demonstrator of Chemistry and Physics at a salary of £100, and an Assistant Demonstrator, who receives an honorarium of £5; a Demonstrator of Biology at a salary of £75, and two Assistant Demonstrators who receive £5; and two Demonstrators of Pathology, to assist the lecturers, who receive an honorarium of £5 each.

Entrance Scholarships.—One Scholarship in Natural Science, value £144, two of the value of £78 15s., and one of the value of £52 10s.; subjects, Inorganic Chemistry, Experimental Physics, and Elementary Biology. There will be a practical examination in each subject. The examination takes place September 20th and 21st. The candidates must not have completed a winter session of study at a medical school in London. The successful candidates must enter as perpetual pupils of the Hospital, and pursue the full course of study there. A scholarship of £144 for students of Epsom College who are sons of medical men. Two scholarships, each of £57 15s., open to students from a University, who have not entered at any London medical school; subjects, Physiology and Histology, and either Anatomy or Chemistry, at the option of the competitor. The examinations will be held on September 20th and 21st.

Special Classes are held for the Preliminary Scientific Intermediate M.B., and Final M.B. Examinations of the University of London, and for the Examinations for the Fellowship of the Royal College of Surgeons. All the Special Classes for the higher examinations are free to the students of the school.

Fees.—The composition fee is £139.

Students may reside in the College, 33 and 35, Westbourne Terrace, under the supervision of the Warden, Mr. H. S. Collier. Terms can be obtained on application to the Warden.

Further information may be obtained from the School Secretary, or from the Dean of the School, Mr. George P. Field.

MIDDLESEX HOSPITAL MEDICAL SCHOOL.

The Hospital contains 320 beds.

Appointments, etc.—Eighteen Resident appointments are open annually to competition among pupils of the Hospital. The officers reside and board in the Residential College free of expense. There are two Casualty Medical and two Casualty Surgical officers appointed annually. Six House-Surgeons are appointed every year at intervals of two months, after examination; and six House-Physicians are also appointed annually at similar intervals; they must have a legal qualification, or hold a Broderip Scholarship. An Obstetric House-Physician (qualified to practise) is appointed every six months. Non-resident Physicians' Assistants are appointed in the various out-patient departments. In the out-patient

department the appointments are: Dresser to the Assistant Surgeon and to the Dental Surgeon, Clerk to the Assistant Physician, Dresser to the Ophthalmic Surgeon, Clerk in the Department for Diseases of the Skin, Clerk in the Department for Diseases of Women, and Dresser to the Throat and Ear Department. There are also Extern Midwifery Clerks, and *Post-mortem* Clerks. The appointments are so arranged that every student may during his course hold all the Out-patient and In-patient Clerkships and Dresserships. Each student must have held an out-patient clerkship and dressership before being eligible to hold in-patient clerkships or dresserships. No student can be appointed to any office until he has passed the second examination of the Examining Board in England, or its equivalent. Clinical Assistants are appointed in the Children's, Ophthalmic, Skin, and Throat and Ear Departments.

Entrance Scholarships.—Two Entrance Scholarships, value £100 and £60, are open to all gentlemen commencing their medical studies in October, 1899. The successful candidates must become general pupils of the school. Examination on September 21st and 22nd. Candidates must send in their names to the Dean, stating the three subjects they select, on or before September 14th.

Universities Scholarship.—An annual Entrance Scholarship, of the value of £60, is open to students of the Universities of Oxford and Cambridge who have completed their Anatomical and Physiological studies: Subjects: Anatomy and Physiology, including Histology. The examination takes place on September 21st and 22nd. Application to be made on or before September 14th. Students joining the school in the previous May are eligible to compete for the Entrance and University Scholarships in that year.

The Freer Lucas Scholarship is annually awarded on the nomination of the head master to a pupil of the Royal Medical College, Epsom, who has passed the Preliminary Scientific M.B. Examination.

Fees.—The composition fee is 135 guineas.

New Buildings.—The new dissecting rooms, physiological, chemical, and pathological departments, are now in regular use. They provide every facility for the practical study of Chemistry, Biology, Anatomy, and Physiology, Pathology, including Bacteriology and Public Health work.

Further Information may be obtained from Dr. Pasteur, the Dean.

The Residential College is situated in Cleveland Street, W., and has its frontage in the Hospital garden; it accommodates about 30 students. Warden, D. R. A. Young, B.Sc.

ST. THOMAS'S HOSPITAL MEDICAL SCHOOL.

The Hospital contains 572 beds, of which about 512 are in use. It is built on the system of separate pavilions, which are connected by a covered and an open-air corridor. The Hospital and School are situated along the banks of the Thames between Westminster and Lambeth Bridges, an open-air terrace running the whole length of the buildings facing the Houses of Parliament. The Operating Theatres have been lately thoroughly refitted, refloored, and provided with electric light, and are specially adapted for the carrying out of aseptic surgery. A Clinical laboratory has been recently built, in which all the more difficult methods of diagnosis, bacteriological, chemical, and microscopical, are carried on under the direction of a Superintendent. The Department for Out-patients has been rearranged, and now consists of a series of rooms, among which are two large, well-ventilated rooms which are provided with ample sitting accommodation, so that large numbers of students are enabled to follow closely the practice and teaching of the assistant staff. During the twelve months ending December 31st, 1898, the number of patients admitted into the hospital amounted to 6,079. In the same period 19,191 out-patients have been treated, and in the maternity department 2,474 women have been attended at their own homes. Casualties to the number of 91,424 attendances were treated during the same period.

The School Buildings, which are separated from the hospital by a quadrangle containing a lawn tennis court for the use of the residents, comprise numerous theatres, laboratories, and class rooms, and are well adapted for the modern teaching of

large bodies of students in all the subjects of the medical curriculum. A large library and reading room and a very complete museum are open to all students from 9 A.M. to 5 P.M. The new club premises, opened in 1894, contain a dining room, a smoking and reading room supplied with daily and illustrated weekly papers, and a gymnasium. A cloak room with lockers, and a lavatory with bath rooms are in the old building. Students are thus able to spend the whole day at the school, all meals being obtainable at a moderate tariff, and they are further provided with facilities for exercise and recreation. A ground of more than nine acres in extent is provided at Chiswick. It can be reached in forty minutes from the hospital, it is admirably adapted for football, cricket, lawn tennis, and athletic sports. It is provided with a pavilion where refreshments can be obtained.

Scholarships.—Three Entrance Scholarships will be offered for competition in September, namely: One of £150 and one of £60, in Chemistry and Physics, with either Physiology, Botany, or Zoology at the option of candidates, for first year's students. (The Medical School Committee is empowered to grant an exhibition of £20 to any unsuccessful competitor who obtains sufficient marks to qualify for a scholarship); one of £50 in any two of the following subjects, Anatomy, Physiology, Chemistry, for students who have completed their examinations in Anatomy, Physiology, *Materia Medica* and Pharmacy for a medical degree in any of the Universities of the United Kingdom, and have not entered as students in any London medical school. Copies of the examination papers of last year may be obtained on application to the Medical Secretary. Applications must be sent in not later than September 19th, with certificate of birth and of Preliminary Examination, and in the case of candidates for the Science Scholarships with a notification of their choice of optional subject. Numerous Scholarships, prizes, and medals are open to competition throughout the whole career of a student, including a Fellowship of £100 given by the Salters' Company for research in Pharmacology.

Appointments.—All Hospital Appointments are open to students without charge. A Resident Assistant Physician and a Resident Assistant Surgeon are appointed annually at a salary of £100 with board and lodging. Two Hospital Registrars, at an annual salary of £100 each, are appointed yearly. An Obstetric Tutor and Registrar is appointed each year at an annual salary of £50. The tenure of these offices may be renewed for a term not exceeding three years. Four House-Physicians, two Assistant House-Physicians, four House-Surgeons, four Assistant House-Surgeons, two Obstetric House-Physicians, two Ophthalmic House-Surgeons, and eight Clinical Assistants in the special departments are appointed every three months, and hold office for six months if recommended for re-election. Clinical Clerkships and Dresserships to the in-patient and out-patient departments are available to the number of 400 each year.

Fees.—The Fees may be paid in one sum or by instalments. Entries may be made separately to lectures or to hospital practice. The composition fee is £150. Special arrangements are made for students from the Universities and elsewhere entering in their second or subsequent years, also for dental students and for qualified practitioners.

University Examinations.—Special Classes for the Preliminary Scientific and Intermed. M.B.Lond., for the Oxford and Cambridge Examinations, and for the Primary F.R.C.S. are held throughout the year.

Lodgings.—A register of approved lodgings is kept by the Medical Secretary, who has a list of local medical practitioners, clergymen, and others who receive students into their houses.

Further information may be obtained by application to Mr. Rendle, the Medical Secretary, St. Thomas's Hospital, Albert Embankment, S.E.

UNIVERSITY COLLEGE: MEDICAL FACULTY.

The Hospital contains 185 beds, all of which are available for clinical instruction and study.

Appointments.—Eight House-Physicians, six House-Surgeons, twelve Obstetric Assistants, Out-Patients Physicians' and Surgeons' Assistants, Clinical Clerks, Surgeons' Dressers, and Ophthalmic Surgeons' Assistants, are selected annually

from among the students without extra fee. The House-Physicians, the House-Surgeons, and four Obstetric Assistants reside in the Hospital, receiving free board and lodging.

Entrance Scholarships.—The Bucknill Scholarship of £30 a year for four years, and two Exhibitions of the value of 55 guineas each, are offered for competition in September to gentlemen who are about to commence their first winter's attendance. The subjects are Chemistry, Physics, Botany, and Zoology. Two Exhibitions of the value of 76 guineas each are offered for competition in September, the subjects of the examination being Anatomy and Physiology. Only one of these Exhibitions may be awarded to a student who has received his Anatomical and Physiological instruction in University College. The Bucknill Scholar is not eligible for these Exhibitions. The examinations for the Scholarship and Exhibitions will take place at the College on September 26th and 27th, 1899. Notice of intention to compete must be given to the Secretary, on or before September 25th, at the office of the College.

Other exhibitions and prizes of the annual value of about £500 are given in the Faculty of Medicine.

Fees.—The composition fee is 135 guineas.

Information respecting the College may be obtained from the Dean, Professor H. R. Spencer, M.D., F.R.C.P.; the Vice-Dean, Professor J. Rose Bradford, M.D., D.Sc., F.R.S.; the Sub-Dean, Professor Thane; or the Secretary, Mr. J. M. Horsburgh.

WESTMINSTER HOSPITAL MEDICAL SCHOOL.

The Hospital contains upwards of 200 beds.

Appointments.—A Curator of the Museum and a Pathologist are appointed annually, with salaries of £40 and £50 respectively, and a Medical and Surgical Registrar, each with a salary of £40. Two House-Physicians, two House-Surgeons, two Assistant House-Surgeons, and a Resident Obstetric Assistant are appointed for six months, after examination, and are provided with rooms and commons. An Assistant House-Surgeon, after six months' service, becomes House-Surgeon for a further period of six months. Clinical Assistants to the Assistant Physicians and Assistant Surgeons, and to the officers in charge of special departments, are appointed from among qualified students. Every student must perform the duties of Out-patient Dresser for four months, and afterwards hold the office of In-patient Dresser for four months, of Out-patient Clinical Clerk for four months, and of In-patient Clinical Clerk for four months. Two Pathological Clerks are appointed every four months to assist in the *Post-mortem* Room. No student is eligible as an In-patient Dresser or Clinical Clerk until he has passed the Second Examination of the Conjoint Board, or an equivalent examination. Clerks and Dressers in the Special Departments of Hospital Practice are periodically appointed. So far as vacancies permit, students of other hospitals are admitted to In-patients' Dresserships or Clerkships.

Scholarships.—The following Scholarships are offered for competition during the years 1899-1900:—*In September, 1899*: Three Scholarships in Arts, £60, £40, and £30; Scholarship in Arts for Dental Students, £20; Two Colonial Scholarships in Arts, £60 and £40; Oxford and Cambridge Scholarship in Anatomy and Physiology, £40; Two Natural Science Scholarships, £60 and £40; Free Presentation, open to pupils of Epsom Medical College. *In April, 1900*: Two Scholarships in Arts, £50 each; Two Colonial Scholarships in Arts, £60 and £40; Oxford and Cambridge Scholarship in Anatomy and Physiology, £40; Two Natural Science Scholarships, £60 and £40.

Fees.—The composition fee is 110 guineas.

Further information can be obtained on application to the Dean at the Westminster Hospital Medical School, Caxton Street, Westminster, S.W.

LONDON (ROYAL FREE HOSPITAL) SCHOOL OF MEDICINE FOR WOMEN.

The Hospital contains 170 beds, all of which are available for clinical instruction. There are separate departments for Diseases of Women, Diseases of the Eye, Throat and Ear, Skin, and classes for instruction in Anæsthetics, Bacteriology, etc., in addition to the ordinary Clinical Lectures and Demonstrations and Tutorial Classes. Students also attend

the practice of one of the Fever Hospitals of the Metropolitan Asylums Board, and receive special instruction in Lunacy at one of the Hospitals under the Asylums Board of the London County Council, and are also admitted to the practice of 13 special hospitals.

Appointments as Surgical and Medical Registrar, Anæsthetist, Curators of the School and Hospital Museums, and Clinical Assistants, are open to Students after qualification.

Scholarships.—An Entrance Scholarship value £30, is offered for competition at the end of September in each year. The Bostock Scholarship, value £60 a year for two or four years, is awarded on the result of the Preliminary Scientific Examination of the University of London. The Stuart Mill Scholarship, value £30, the John Byron Bursary and two Mackay Prizes, value £20 each, the Helen Prideaux Prize of £50, together with many other scholarships and prizes, are offered on sundry conditions. Various Missionary Societies also offer scholarships on certain conditions, and assist ladies who wish to go to India as medical missionaries.

The Course of Study includes preparation for the Examinations of the University of London, the Royal University of Ireland, the University of Durham, the Conjoint Colleges of Scotland and of Ireland, and the Society of Apothecaries, London. Classes in preparation for the Preliminary Scientific Examinations of the Universities of London and Durham will begin in October, 1899.

School Buildings.—The Pfeiffer Wing, opened by H.R.H. the Princess of Wales in 1898, contains laboratories for Anatomy, Chemistry, and Physiology, fitted with the most modern appliances. The second wing, containing three lecture theatres, biological laboratory, etc., will be opened in October, 1899. The rebuilding of the third wing, which will complete the new medical school buildings, and will contain chambers available for students, will be begun shortly. A new museum is to be erected at the Royal Free Hospital. A list of boarding and lodging houses can be obtained at the School.

Fees.—The composition fee is £125.

COOKE'S MEDICAL SCHOOL, LONDON.

The School is prepared to admit to its supplementary work all who may wish to join the same, but in regard to its curriculum work it does not receive more than half a dozen students in the course of the year; these have special advantages both as regards anatomy and physiology. The fees, we are informed, are but slightly in excess of current charges.

The Bland Sutton Presentation—named after Mr. Bland Sutton, F.R.C.S., Surgeon to the Middlesex Hospital (a former pupil of the School)—confers the privilege of free education during the first two years of medical studies. Particulars forwarded on application.

By decision of the various Examining bodies, gentlemen rejected at their Anatomical and Physiological Examinations (Second Conjoint, etc.) can get "signed up" from this school for the three months' supplementary work they are required to put in before re-examination. The School is also recognised for the special dissections for the Fellowship of the Royal College of Surgeons.

The operations of Surgery are performed on the dead body. Such courses are recognised for army promotion by the College of Surgeons.

The School possesses a good collection of physiological and chemical apparatus, and gentlemen preparing for the higher examinations receive special instruction in the more difficult subjects.

PROVINCES.

The medical schools in England, outside London, which give instruction in the full medical curriculum, are those of the Universities of Oxford, Cambridge, and Durham (University of Durham College of Medicine, Newcastle-on-Tyne); the three Colleges of the Victoria University (Owens College, Manchester; University College, Liverpool; and the Yorkshire College, Leeds); Mason College, Birmingham (Queen's Faculty of Medicine); University College, Bristol; and University College, Sheffield (School of Medicine).

The opportunities for obtaining a good knowledge of the

Preliminary Sciences, and of Anatomy and Physiology at the Universities of Cambridge and Oxford are unsurpassed: the staffs of teachers are distinguished, and the laboratories are most completely appointed. Instruction in Clinical Medicine, Surgery, and Midwifery is given by the University Lecturers, and by the visiting staffs of the Radcliffe Infirmary at Oxford and of Addenbrooke's Hospital, Cambridge; but it is the rule for Oxford and Cambridge men, after spending three years at the University, and passing the necessary examinations, to proceed for the remaining two years to London or some other large town where the opportunities for gaining clinical experience are greater. At many of the London schools special arrangements—as to which full particulars can be obtained on application to the respective Deans—are in existence to meet the case of students from the Universities joining under these circumstances. At some of the schools they are placed on the same footing in regard to obtaining the appointments of House-Physician and House-Surgeon as students who have attended the hospital throughout. As the circumstances of the various schools are liable to vary from time to time, special inquiries should be made on this point, which after-experience will show to be of great importance.

The arrangements and appliances for laboratory and other practical instruction at Owens College, Manchester, at University College, Liverpool, at the Yorkshire College, Leeds, and at University College, Bristol, are most complete, having in each case been recently enlarged and improved. At Birmingham, where a Midland University is shortly to be established, the medical school is now a Faculty of Mason College, and is provided with all the most modern facilities for instruction in science, while the great hospitals afford equally excellent opportunities for clinical work.

The Medical School of the University College of South Wales and Monmouthshire at Cardiff gives instruction in all the subjects of the medical curriculum belonging to the first three years.

MASON UNIVERSITY COLLEGE, BIRMINGHAM (QUEEN'S FACULTY OF MEDICINE).

Mason College was founded in 1875 by Sir Josiah Mason, Kt. The Medical Faculty was transferred from Queen's College, Birmingham, to Mason College in 1892, additional buildings being erected at a cost of about £20,000. There are Professorships of Medicine, Surgery, Anatomy, Physiology, Chemistry, Physics, Biology, Therapeutics, Forensic Medicine, Public Health, Midwifery, Gynecology, Pathology and Bacteriology, Mental Diseases, Operative Surgery, and Ophthalmology, and Lectureships in Toxicology, Osteology, Applied Anatomy, and Materia Medica, etc.

Clinical instruction is given in the General and Queen's Hospitals, which have a joint total of upwards of 400 beds; 6,000 in-patients and 80,000 out-patients are treated annually.

Appointments.—*General Hospital:* Two Resident Medical Officers, salary £70 a year; a degree in Medicine is necessary. One Resident Surgical Officer, salary £100 a year. One Resident Pathologist, salary £100. Two Non-resident Surgical Casualty Officers, salary £50. Two Non-resident Anæsthetists, salary £40. Four House-Surgeons, office tenable for six months, without salary; a Surgical qualification is necessary. Two Assistant House-Physicians, tenable for six months, without salary; candidates must possess a medical qualification and be registered. One Resident Medical Officer, salary £150, at the Jaffray Hospital; and one Resident Assistant, unqualified, tenable for three months. *Queen's Hospital:* Two House-Physicians, tenable for twelve months, at a salary of £50; a Medical qualification is necessary. Three House-Surgeons, tenable for twelve months, at a salary of £50; a Surgical qualification is necessary. One Obstetric and Ophthalmic House-Surgeon, tenable for six months; candidates must have a qualification; salary £10, with board and

lodging, etc. One Resident Dresser, unqualified, tenable for three months.

Entrance Scholarships.—Queen's Scholarships, 30 guineas; Sands Cox, restricted to sons of medical men, 30 guineas; Sydenham Scholarships, one or more annually, restricted to orphan sons of medical men, elected by the Council, on the recommendation of the Medical Board of Studies, 30 guineas.

Further particulars may be obtained by application to Professor Windle, Dean of the Medical Faculty, at the College.

Fees.—The composition fee for the College courses is £70.

UNIVERSITY COLLEGE, BRISTOL: FACULTY OF MEDICINE.

The lectures and instruction given in the Faculty of Arts and Science of University College, Bristol, are adapted to the various Preliminary Examinations, including the Preliminary Scientific Examination of the University of London; and students can complete in Bristol the entire course of study required for the medical and surgical degrees of the University of London, the diplomas of the Royal College of Physicians of London and the Royal College of Surgeons of England, and of the Apothecaries' Society of London, and for the Examinations for admission to the Royal Navy and the Indian Medical Services, and the Royal Army Medical Corps.

It is now arranged that students of the College shall be admitted to the Clinical Practice of the Bristol Royal Infirmary and the Bristol General Hospital conjointly, and consequently both these institutions are open to all students.

The Infirmary and the Hospital comprise between them a total of 470 beds, and both have very extensive Out-patient Departments, Special Departments for the Diseases of Women and Children, and of the Eye, Ear, and Throat, besides large Outdoor Maternity Departments and Dental Departments. Very exceptional facilities are thus afforded to students for obtaining a wide and thorough acquaintance with all branches of Medical and Surgical work. Each student has the opportunity of personally studying a large number of cases, and of acquiring practical skill in diagnosis and treatment.

Appointments.—*Royal Infirmary.*—House-Physician, House-Surgeon, Junior House-Physician, and Junior House-Surgeon; Clinical Clerks and Dressers, also Ophthalmic, Obstetric, and Pathological Clerks are appointed. The Dressers reside in the Infirmary in weekly rotation. *General Hospital:* House-Surgeon, Assistant House-Surgeon, Assistant House-Physician and Casualty House-Surgeon; Clinical Clerks, Dressers, and Obstetric, Ophthalmic, and Pathological Clerks are appointed. The Dressers reside in the Hospital in rotation free of expense.

Scholarships and Prizes.—(1) University Entrance Scholarship, £50. (2) Lady Habersfield Entrance Scholarship, £30 (about), after examination in subjects of general education. (3) Martin Memorial Pathological Scholarships, two of £10 each. (4) Tibbitt's Memorial Prize, value 6 guineas, for proficiency in Practical Surgery. (5) Committee Gold Medal for fifth year Students for general proficiency. (6) Committee Silver Medal for the same. (7) Augustin Pritchard Prize, value about 7 guineas, for proficiency in Anatomy. (8) Henry Clark Prize, value about 11 guineas, for general proficiency. (9) Crosby Leonard Prize, value 7 guineas, for proficiency in Surgery. (10) Suple Surgical Prize, a Gold Medal and 7 guineas in money. (11) Suple Medical Prize, a Gold Medal and 7 guineas in money. (12) Henry Marshall Prize, value about £12. Dresser's Prize. (13) H. M. Clarke Scholarship, value £15, for proficiency in Surgery. (14) Sanders Scholarship, value £22 10s. for general proficiency. Prizes and certificates are also awarded in the various classes of the College.

Fees.—The composition fee for the College courses is 65 guineas (or 70 guineas in two instalments).

Full information can be obtained on application to the Dean of the Medical Faculty, Professor E. Markham Skerritt, University College, Bristol.

THE YORKSHIRE COLLEGE, LEEDS: MEDICAL DEPARTMENT.

Clinical instruction is given at the Leeds General Infirmary, which has over 400 beds in constant use, and includes gynecological and ophthalmic wards and a large new out-patient department. The Ida Semi-convalescent Hospital attached to the Infirmary has over 40 beds. The West Riding Lunatic Asylum at Wakefield is also open for the study of Mental Diseases. Students can in addition attend the practice of the Leeds Public Dispensary, the City

Fever Hospitals (100 beds), and the Hospital for Women and Children.

Appointments.—Senior Anæsthetist, £50. Two Anæsthetists, £25 each. The Resident Medical, Surgical, and Casualty Officers, each at £100 per annum. The Resident Ophthalmic Officer at £50 per annum. A Resident Obstetric Officer is attached to the gynecological ward and an extensive external maternity department. A Resident Medical Officer is appointed every six months for the Ida Hospital (honorarium £25). Four House-Physicians, each holding office for six months, and four House-Surgeons holding office for twelve months. Physicians' Clerks, Surgeons' Dressers are appointed for six months; Ophthalmic and Aural Dressers, Gynecological Ward Clerks, Assistant Physicians' Clerks, and Assistant Surgeons' Dressers, Dressers in the Casualty Room, *Post-mortem* Clerks, and Laboratory Assistants for three months. A Pathological Curator (honorarium 20 guineas) has charge of the new pathological laboratory. Appointments are also open to students at the Leeds Public Dispensary (three Resident Medical Officers, with salaries commencing at £80), at the Hospital for Women (House-Surgeon, honorarium £90, and Anæsthetist £25), and at the West Riding Asylums.

Entrance Scholarships.—The Yorkshire College awards annually a scholarship in the form of a free admission to the lectures and classes covered by the composition fee. Candidates must have passed the Preliminary Scientific (M.B.) Examination of the London University, or the First (Scientific) Examination of the Victoria University. The subjects of the examination are those included in the above examination. The Infirmary also awards a scholarship of the value of 40 guineas in the form of a free admission to the clinical teaching of the Infirmary. The subjects of the examination are (a) Latin, (b) Elementary Mathematics, (c) English Dictation and Composition, (d) English History, and (e) one of the following languages: French, German, or Greek.

Fees.—The composition fee for the College courses is 64 guineas.

Further information can be obtained from the Dean, the Medical School, Leeds, or from the Secretary of the Faculty, General Infirmary, Leeds.

UNIVERSITY COLLEGE, LIVERPOOL: MEDICAL FACULTY.

New Medical Buildings are at present in course of erection, comprising departments of Anatomy, Surgery, Anatomical Museum, and laboratory and lecture room accommodation for the School of Dental Surgery, Materia Medica, Toxicology, etc. The Physiological and Pathological Laboratories, which have been built and completely equipped by the generosity of the Rev. S. A. Thompson-Yates, at a cost of £30,000, were opened by Lord Lister in October, 1898. The building includes two theatres for physiology and pathology, spacious laboratories for microscopic, physical, and chemical Psychology, for Morbid Anatomy, Bacteriology, and Chemical Pathology, special rooms for research, gas analysis, galvanometer, centrifuge, etc., private rooms, students' common room, lavatories, etc. The Chemical Laboratories have been extended, so as to provide *inter alia* more complete accommodation for medical students and those engaged in laboratory work for diplomas in Public Health. The chair of Hygiene has secured adequate permanent accommodation in Ashton Hall, an institute adjacent to the College, which contains ample class-room and laboratory accommodation for study and research. The museums of Anatomy, Pathology, and Materia Medica are furnished with complete provision for the needs of students, and have recently been reorganised and revised. The museum of Hygiene, accommodated in Ashton Hall, has been recently established on the lines of the Parkes Museum. It contains meteorological instruments, and numerous models and specimens illustrating good and bad sanitary work. Under the supervision of the Professor of Hygiene a course of lectures on Sanitary Science is given during the winter, suitable for candidates for sanitary inspectors' certificates.

Royal Infirmary.—The Royal Infirmary, which adjoins the School, contains 300 beds, with 40 special beds for the treatment of Diseases of Women. The Lock, Lying-in, Eye and Ear, Women's, Children's, and Dental Hospitals are in the immediate vicinity, and their practice is open to the students of the Medical Faculty.

Fees.—The composition fee for lectures and classes is £24 15s. for Preliminary Scientific Classes; £60 for the Medical Classes required for the Victoria University Degree; £70 for all the classes required for the diplomas of the Conjoint Boards. The medical composition fees are payable in two instalments, at intervals of twelve months. The fee for hospital attendance at the Royal Infirmary is 40 guineas, also payable in two annual instalments.

Appointments.—Three House-Surgeons, three House-Physicians, and one External House-Surgeon to the Thornton Wards, are appointed for six months, after (if necessary) competitive examination. Candidates must have a legal qualification. Clinical Clerks for each Physician, Dressers for each Surgeon, and Clerks to the Thornton Wards for Diseases of Women, are appointed every three months. *Post-mortem* Clerks are appointed for six weeks. All students are required to perform this duty before the schedule for the Final Examination is signed.

Fellowships and Scholarships.—Fellowships, Scholarships, and Prizes of over £500 are awarded annually. (a) A Holt Fellowship in Pathology and Surgery, of the value of £100 for one year, is awarded annually by the Medical Faculty to a senior student possessing a medical qualification. The successful candidate is required to devote a year to tutorial work and investigation in the Pathological Department. (b) A Holt Fellowship in Physiology awarded under similar conditions, of the value of £100 for one year. (c) A Robert Gee Fellowship in Anatomy, awarded under similar conditions, also of the value of £100 for one year. (d) An Alexander Fellowship for Research in Pathology, of the annual value of £100, renewable. (e) Two Lyon Jones Scholarships, of the value of £21 each for two years, are awarded annually—a Junior Scholarship, open at the end of the first year of study to Victoria University students, in the subjects of the First M.B. Examinations; and a Senior Scholarship, open to all students in the School at the end of the second or third year of study, on the subjects of Anatomy, Physiology, and Therapeutics. (f) The Derby Exhibition of £15 for one year is awarded in Clinical Medicine and Surgery in alternate years. Students may compete in their fourth and fifth years; in 1900 the subject will be Clinical Surgery. (g) The Torr Gold Medal in Anatomy and the George Holt Medal in Physiology, the Robert Gee Book Prize, of the value of £5, for Children's Diseases, and numerous Class Prizes are awarded annually.

Entrance Scholarships.—Four Robert Gee Entrance Scholarships of the value each of £25 for one year are offered annually for competition. The holder is required to take out the Science Courses for the University Degree in Medicine.

Communications should be addressed to the Dean, Professor Paterson, M.D., University College, Liverpool.

School of Dental Surgery.—A new mechanical laboratory has recently been erected at the Dental Hospital; it is adequately equipped with all modern appliances, and is under the charge of a skilled mechanic. The fees for Dental education are £50 (payable in two instalments) for the Medical School curriculum; £21 payable in entrance for two years' Dental Hospital practice, £10 10s. for General Hospital practice (two winters). Numerous scholarships and prizes are offered: (a) A Fletcher Scholarship of £21 in Mechanical Dentistry; (b) a Phillips Scholarship of £10 10s. in Dental Surgery; Quinby Prizes (£20), etc.

[For particulars with regard to the School of Tropical Medicine see p. 552.]

Prospectuses and further information may be had on application to the Registrar, University College, Liverpool.

OWENS COLLEGE, MANCHESTER: MEDICAL DEPARTMENT.

The *Royal Infirmary* contains 300 beds. Associated with it are the Convalescent Hospital (136 beds) and the Royal Lunatic Asylum at Cheadle, which accommodates 260 patients.

Appointments.—The following appointments are made: A Surgical Registrar, at £80 per annum; a Pathological Registrar, at £100 per annum; a Medical Registrar, at £70 per annum; two Assistant Medical Officers, each at £80 per annum; an Anæsthetist, at £50 per annum; an Assistant Anæsthetist, at £50 per annum. Resident Medical Officer, one year, £150 per annum; ditto, at Cheadle, one year, £150 per

annum. Resident Surgical Officer, one year, £150 per annum; two House-Surgeons and one House-Physician are appointed every three months for a term of six months; an Assistant to the Resident Medical Officer at Cheadle is appointed for six months. The House-Physicians and House-Surgeons must possess a qualification which can be registered. For the Resident Assistant at Cheadle a qualification is not absolutely necessary. Four or more Clinical Clerks are attached to each Physician or Assistant-Physician, and four or more Dressers to each Surgeon and Assistant-Surgeon, and to the Ophthalmic Surgeon, and four more Clerks to the Pathological Registrar. Accident Room Dressers will be appointed every three months, and will hold their appointment for three months; there will be three Senior Dressers and twelve or more Junior Dressers, the former selected from students who have acted as Dressers in the wards for the full period of six months. Additional Clinical Clerks are appointed to assist in the departments for the Diseases of the Ear and Throat, and to assist the Surgical Registrar.

Entrance Scholarships.—Rogers and Seaton Scholarships (in alternate years), £40 per annum, tenable for two years. Subjects: Greek and Latin. Credit given for knowledge of Geometry, Algebra, French, German, and English. Examination May 28th, 29th, 30th, and 31st, 1900. Dalton (entrance), two of £40, one of which will be awarded annually, and tenable for two years. Examination May 28th, 29th, 30th, and 31st, 1900. Subjects: Geometry (Euclid I—IV and VI, or the subjects thereof); Algebra (as far as the Binomial Theorem, inclusive); Plane Trigonometry (to Solution of Triangles); Elementary Analytical Geometry, the Conic Sections. Credit given for knowledge of Classics and Modern Languages (including English). Cartwright Scholarship, £35 per annum, tenable for three years; subjects as in Dalton. Examination in May, 1903. Hulme, three of £35, one of which will be awarded annually, tenable for three years. Examination on May 28th, 29th, 30th, and 31st, 1900. Subjects: English Language (Grammatical Structure and Outlines of its History); English Literature (an Essay on some subject of English Literature); and Modern History (Outlines of English History and Geography); with at least two of the following: Latin (Translation at sight); Grammar and Easy Composition; Greek (ditto); French (ditto); German (ditto). Credit given for knowledge of Mathematics (Geometry and Algebra). James Gaskill, two of £40, one of which will be awarded annually, and tenable for two years. Examination on May 28th, 29th, 30th, and 31st, and June 1st and 2nd, 1900. Subjects: Mathematics—Geometry, the subjects of Euclid, I—IV and VI; Algebra, as far as the Binomial Theorem inclusive; Plane Trigonometry (to Solution of Triangles); Elementary Mechanics, including composition and resolution of forces in a plane, centre of gravity of simple bodies, uniform acceleration, direct impact, the elements of Hydrostatics, Boyle's Law. Chemistry; Inorganic Chemistry, Elementary Organic Chemistry; Practical work, including preparations, analysis of mixtures of inorganic salts, easy quantitative analysis. Credit given for knowledge of Classics and Modern Languages (including English). Sir J. P. Kay-Shuttleworth Scholarship, £30 per annum, tenable for three years, open to the competition of scholars from Sedbergh School, Giggleswick School, and Burnley Grammar School, Examination on May 30th and 31st and June 1st and 2nd. Subjects: Geometry, Algebra, Trigonometry. Chemistry, Practical Chemistry, and Mechanics, as in the James Gaskill. Two Dauntsey Medical Scholarships, value £35, tenable for one year. Candidates must not have attended lectures in a medical school. Subjects of Examination: Zoology, Botany, and Chemistry. The successful candidates must enter for the full course of medical studies at the College. A Gilchrist Scholarship of £50 per annum, tenable for three years in the College, awarded annually upon the results of the June Preliminary Examination of the Victoria University. Grammar School Scholarship, value £18 per annum, tenable for three years, open to scholars of the Manchester Grammar School between the ages of 16 and 21. Subjects: Mathematics, with Classics and Physical Science in alternate years. A subject for an English Essay will be set each year.

Fees.—The composition fee for the College courses is £70. *Prospectuses* may be obtained from the Registrar, Mr. S. Chaffers.

UNIVERSITY COLLEGE, SHEFFIELD: DEPARTMENT OF MEDICINE.

The Physiological Department, thanks to the generosity of anonymous donors, has been entirely reconstructed and equipped to fulfil the most modern requirements, in memory of the late President of the School, Mr. Wm. F. Favell. The department consists of a lecture and demonstration theatre, students' laboratory, professor's room, preparing room, and galvanometer room. In addition to the usual fittings, the theatre is provided with a projection lantern microscope for the demonstration of microscopic slides. Each student has his own laboratory bench, with gas, water, electric light, and the requisite apparatus. The department is lighted by electricity throughout.

A laboratory of Bacteriology has been completely equipped by a "Sheffield citizen" in premises adjacent to the College.

The Arthur Jackson Chair of Anatomy has been founded by Mrs. Arthur Jackson in memory of her late husband. The Anatomical Department has been improved by the addition of a new theatre and museum.

Clinical instruction in Medicine and Surgery is given at Sheffield Royal Infirmary and the Royal Hospital, and in Midwifery and Gynæcology at the Jessop Hospital for Diseases of Women. Students are also admitted to the practice of the Borough Fever Hospitals and the South Yorkshire Asylum. The Royal Infirmary contains 240 beds, including Ophthalmic wards (30 beds) and Dermatological department. The Royal Hospital contains 125 beds, and Dental and Ophthalmic departments.

Scholarships, etc.—An entrance scholarship of the value of £110 is awarded annually to the best candidate, if of sufficient merit, in Latin, Mathematics, Elementary Physics, Inorganic Chemistry, and English. Prizes in Clinical Medicine and Surgery, of £10 ros. each, awarded by the Clinical Committee. Certificates and Book Prizes are awarded annually.

Fees.—The composition fee, if paid at the commencement of medical study, is 60 guineas; or the fees may be paid 35 guineas at the commencement of the first and 30 guineas at the commencement of the second year. These fees do not include hospital practice or instruction. The composition fee for this is £45.

UNIVERSITY OF DURHAM COLLEGE OF MEDICINE, NEWCASTLE-ON-TYNE.

The Royal Infirmary contains 280 beds.

Appointments.—Assistant Demonstrators of Anatomy, Prosectors for the Professors of Anatomy, Assistant Physiologists, Pathological Assistants, Assistants to the Dental Surgeon, and Assistants in the Eye Department, Throat and Ear Department, and Department for Skin Diseases are elected annually. The Assistant Demonstrators of Anatomy receive £5 each; the others are unpaid. Four times in the year Clinical Clerks and Dressers are appointed for three months.

Scholarships.—A University of Durham Scholarship, value £100, for proficiency in Arts, open annually at the beginning of the winter session to intending students, and to those who have attended only one winter and one summer session. The Dickinson Memorial Scholarship, interest of £400, with a gold medal, for Medicine, Surgery, Midwifery, and Pathology, open to perpetual students who have passed the primary examination of a licensing body. The Tulloch Scholarship, interest of £400 annually, for Anatomy, Physiology, and Chemistry. The Charlton Memorial Scholarship, interest of £700 annually, open to full students entered for the class of Medicine, at end of winter session. The Gibb Scholarship, interest of £500 annually, for Pathology, at end of summer session. The Goyder Memorial Scholarship, proceeds of £325; subjects: Clinical Medicine and Clinical Surgery. Luke Armstrong Memorial Scholarship, proceeds of £680, for best essay on some subject in Comparative Pathology. The Scholarship is open to all Graduates in Medicine or Hygiene, and candidates for these degrees who have spent at least six months at the University of Durham, and whose age does not exceed 30 years. The Stephen Scott Scholarship in Surgery, interest on £1,000 annually. The Heath Scholarship. The late George Y. Heath, M.D., M.B., D.C.L., F.R.C.S., President of the University of Durham College of Medicine, bequeathed the sum of £4,000 to found a scholarship in sur

gery, the interest to be awarded every second year. First award in 1896. The Gibson Prize in Midwifery and Diseases of Women and Children, interest on £225.

Fees.—The composition fee for the College courses is 70 guineas.

UNIVERSITY COLLEGE OF SOUTH WALES AND MONMOUTHSHIRE, MEDICAL SCHOOL, CARDIFF.

This College has for some years prepared students for their Preliminary Scientific Examination (M.B.), and these students have continued their studies in London and elsewhere. By the foundation in 1893 of Chairs of Anatomy and Physiology, and also of a Lectureship in Materia Medica and Pharmacy, students are enabled to prepare for the Intermediate M.B. of London, and may spend three out of their five years of medical study in Cardiff, proceeding subsequently to a London hospital for the remaining two years. A student preparing for a Scottish University, the University of Durham, for the Conjoint College Surgical and Medical diploma, or that of the Society of Apothecaries, may spend his first two or three years in Cardiff. As the College is able to provide an excellent training in the work of the first three years of the medical curriculum, many students, more especially from Wales and Monmouthshire, are glad to avail themselves of the opportunity to carry on their studies near home. The departments of Chemistry, Physics, Biology, Anatomy, Physiology, Materia Medica, and Pharmacy are furnished with the newest and best appliances for teaching and research. During the last year the accommodation in the departments of Chemistry and Physics has been considerably extended.

Students preparing for the Preliminary Scientific and Intermediate Examination in Medicine of the University of London may compound for their classes by paying a composition fee of £57 10s. Students who are preparing for the examinations of the Conjoint Board or of the Society of Apothecaries, London, may compound for their classes by paying a composition fee of £40. In both cases the composition fees may be paid in two instalments.

Scholarships and Exhibitions.—A considerable number of scholarships and exhibitions are open to students of Medicine. The examinations for these take place in September (see Syllabus of Examination, which may be obtained on application to the College Registrar.)

The students have the privilege of attending the Cardiff Infirmary, a large and growing institution containing 200 beds, a large and well-organised out-patient department, and special departments for the eye, ear, etc. The Infirmary is within three minutes of the College, and notices of clinics, operations, and *post-mortem* examinations are posted on the College notice boards. Further information may be obtained from Dr. A. Francis Dixon, Dean of the Faculty of Medicine.

SCOTLAND.

UNIVERSITY OF ABERDEEN.

Special opportunities for practical instruction are afforded in the chemical, anatomical, physiological, pathological, and hygienic laboratories; and anatomical, pathological, botanical, materia medica, forensic medicine, midwifery, natural history, and surgical museums throughout the day, under the direction of the professors. Practical instruction is given also in the toxicological, pharmaceutical, botanical, and zoological laboratories, and in the surgical museum and laboratory. Courses of practical instruction are given in summer in Medical Jurisprudence and Hygiene; in Diseases of Children, at the Sick Children's Hospital; in Fevers, at the Fever Hospital; in Insanity, at the Royal Asylum; in Diseases of the Ear and Larynx, at the Dispensary; in Diseases of the Eye, at the Infirmary and Eye Institution; in Diseases of the Skin, at the Royal Infirmary and Sick Children's Hospital. The General Dispensary and the Lying-in, Vaccine, and Eye Institutions, and the Sick Children's Hospital are open daily. Practical Pharmacy, Operative Surgery, Practical Medical Jurisprudence, and Hygiene, fee to each class, £3 3s., except Anatomical Demonstrations, Practical Natural History, Practical Mid-

wifery, and Gynæcology, each £2 2s.; Practical Ophthalmology, Insanity, Public Health, Diseases of the Ear and Larynx, Diseases of the Skin, and Dental Surgery, each £1 1s.; Matriculation Fee, both sessions, £1; summer session alone, 10s.; Royal Infirmary, Perpetual fee, £6; or first year, £3 10s.; second year, £3. Clinical Medicine and Clinical Surgery, each £3 3s. The winter session begins on October 13th. Bursaries, scholarships, and fellowships, to the number of forty-seven, and of the annual value of £1,028, may be held by students of medicine in this University. They range from £8 to £100 per annum, and are tenable in most cases for two years. The composition fee amounts to about £120.

EDINBURGH UNIVERSITY.

Practical Instruction.—The following means are afforded for practical instruction: Royal Botanic Garden, Herbarium, and Museum; Zoological Laboratory and Museum of Science and Art; Physical Laboratory; Chemical Laboratories; Dissecting Rooms, Bone Room, and Anatomical Museum; Physiological Laboratory; Medical Jurisprudence and Public Health Laboratories; Materia Medica Museum and Laboratory; *Post-mortem* Department of Royal Infirmary, and University Pathological and Bacteriological Laboratory; Royal Infirmary of nearly 800 beds; Royal Hospital for Sick Children, with nearly 100 beds; Maternity Hospital; City Fever Hospital, with nearly 400 beds; Mental Diseases at Royal Morningside Asylum; Tutorial Classes of Practice of Physic, of Clinical Medicine, and Clinical Surgery.

Fees.—The Sessional Fee for Zoology, Botany (Garden Fee, 5s.), Chemistry, Anatomy Lectures, Physiology, Pathology, Materia Medica, Medical Jurisprudence, Surgery, Medicine, Clinical Surgery (Winter), Clinical Medicine (Winter), is £4 4s. each. Second Course, £3 3s. Third Free. A perpetual ticket taken at the beginning of the first year is £6 6s. Physics, Practical Chemistry, Practical Physiology, Practical Pathology, Clinical Surgery (Summer), Clinical Medicine (Summer), Practical Anatomy (Winter), Operative Surgery, Obstetric Operations, Practical Materia Medica, including Pharmacy, Pathological Bacteriology, Experimental Pharmacology, Vertebrate Morphology, and Comparative Embryology are £3 3s. Practical Botany (besides Garden Fee of 5s.). Elementary Practical Zoology (besides charge of 10s. for Laboratory expenses), Practical Anatomy (Summer), Anthropology, Anatomy Demonstrations, Diseases of Children, Diseases of the Eye, Diseases of the Larynx, Ear, and Nose, Diseases of Tropical Climates, Clinical Instruction on Diseases of the Skin, Regional Anatomy, Physiological Chemistry, Invertebrate Zoology, Organic Chemistry, Mental Diseases, £2 2s. Vaccination, £1 1s. Matriculation Fee, £1 for each year, or 10s. for a Summer Session. Library open from 10 to 4; Saturdays, 10 to 1.

FELLOWSHIPS, SCHOLARSHIPS, BURSARIES, ETC.

The Freeland Barbour Fellowship, £100 for original research in midwifery or diseases of women, the *Allan Fellowship* in clinical medicine and surgery, £40. These fellowships are open to competition among those who have gained a high place in the examinations for bachelorship of medicine or surgery.

FUNDS FOR RESEARCH.

The William Dickson Travelling Fund, amounting to £87 a year, from which grants are made to graduates; and the Earl of Moray Fund for the promotion of research of the annual value of £625 from which grants are made to graduates and others.

SCHOLARSHIPS.

Three Vans Dunlop Scholarships, £100 a year for three years. Successful candidates must study and take the degrees of M.B., M.Ch. of the University. Two scholarships at the beginning of the fourth winter session, one in anatomy and physiology, the other in materia medica, pharmacology; one scholarship at the end of the fifth winter session in pathology, forensic medicine, and public health.

The Stark Scholarship in clinical medicine of about £112, tenable for one year.

The Mount Scholarship in practice of physics of about £55 for the highest place in the class examination in practice of physic.

The Murchison Memorial Scholarship for proficiency in clinical medicine. Examination held alternately in London and Edinburgh. The examination in 1900 will be held in London.

The Buchanan Scholarship of about £40 in midwifery and gynaecology.

The James Scott Scholarship, of the value of £32 10s., in midwifery.

The Elliot Scholarship in medicine, of the value of £31 5s., to the student considered by the Medical Faculty the most distinguished of the year.

Two Hope Prize Scholarships of the value of about £30 in chemistry.

Two Crichton Scholarships for Research, each of the value of £100, one in anatomy and one in physiology.

The Sibbald Medical Scholarship of the value of £40, tenable for three years, given on the results of an examination in chemistry, botany, natural history, and physics.

The Houldsworth Scholarship for promotion of research in pharmacology, £46 tenable for one year.

The Mackay Smith Scholarship in Chemistry of the annual value of £25.

BURSARIES.

Town Council Bursaries given by the Town Council. Application to the City Clerk, Council Chambers, Edinburgh.

Two Sibbald Bursaries for students in the Faculty of Medicine who have passed the preliminary examination of faculty of Arts. Applications to

Messrs. Mackenzie, Innes, and Logan, W.S., 23, Queen Street, Edinburgh, before September 15th.

Two Thomson Bursaries of the value of £25, tenable for four years, given on the result of the preliminary examination required of candidates for graduation in medicine. Preference to be given to candidates of the name of Thomson or Traquair, or to natives of the town or county of Dumfries, or of the city of Edinburgh. Candidates claiming preference must send their names to Messrs. Traquair, Dickson, and Maclaren, W.S., 11, Hill Street, Edinburgh, one clear week before the examination.

Five Grierson Bursaries, three of the value of £20 and two of the value of £10, given at the commencement of medical studies and at the commencement of the second, third, fourth, and fifth winter sessions respectively.

Two John Aitken Carlyle Bursaries, of the value of £28, awarded at the end of each winter session for anatomy and chemistry and anatomy and physiology respectively.

Two Mackenzie Bursaries, of the value of £16 5s., in practical anatomy.

The Renton Bursary, of about £20, for one year after an examination in English and mathematics. Applications to the Secretary's office on or before September 16th.

Two Crichton Bursaries, of the value of £50, tenable for four years after examination in languages, mathematics, logic, and moral philosophy. Competitions in autumn and spring.

The M'Cosh Graduates Bursary, £153, and *M'Cosh Medical Bursary*, £11 11s. 4d., to enable the holder to prosecute study or research in a medical school in Europe.

Four Buchanan Bursaries: May be held in the Faculty of Medicine. Further particulars with regard to the above scholarships and bursaries will be found in the *Calendar* of the University.

EDINBURGH ROYAL INFIRMARY.

Fees.—Six months, £4 4s.; one year, £6 6s.; perpetual, £12 in one sum, or separate payments, £12 12s.

Eight resident physicians and six surgeons are appointed every six months; they live in the house free of charge, save laundry. They must be registered. Many non-resident clinical clerks are also appointed for six months. The physicians and surgeons appoint their own clerks and dressers, and assistants in the Pathological Department are appointed by the pathologists. Instruction is given in all the special departments.

SCHOOL OF MEDICINE OF THE ROYAL COLLEGES, EDINBURGH.

The teaching is similar to that of the Scottish Universities, and the students receive similar certificates at the close of each session. The courses on the special subjects not included in the curriculum of the Examining Boards are also conducted by teachers specially qualified in each branch, and have for the last quarter of a century formed a special feature of the School.

This School of Medicine is composed of lecturers licensed by the Royal Colleges of Physicians and Surgeons, and also recognised by the University through their *licentia docendi*, who, for the sake of convenience, lecture in several buildings near at hand to the Royal Infirmary. The lecturers form one body, are all subject to the same rules and regulations, and enjoy the same privileges. A new constitution and set of regulations have recently been drawn up, in virtue of which the government of the School is placed in the hands of a Governing Board consisting of five members elected by the Royal College of Physicians, of five members elected by the Royal College of Surgeons, and of five members elected by the Lecturers in the School. This Board, with the assistance of the Standing Committees of the School, supervises the whole management, and specially the maintenance of the efficiency and discipline of the school. The different buildings at present utilised for the purpose of lecturing are the following: 1. Surgeons' Hall, Nicolson Street; 2. Minto House, Chambers Street; 3. Nicolson Square; 4. Marshall Street; 5. The New School, Bristo Street; and other places.

MEDICAL COLLEGE FOR WOMEN, EDINBURGH.

Clinical instruction in the Royal Infirmary qualifies for graduation in the Universities. Precisely the same facilities for medical study are given as to male students in the School of Medicine, Edinburgh. Arrangements, fees, and regulations are similar. All the teachers are qualified lecturers of the School, and their courses admit to the various qualifying bodies for women. The lecturers are also recognised by the University of Edinburgh as giving courses admitting to the degrees of M.B., Ch.B. In the case of those proceeding to such degrees, the same fees as those in the University must be paid. The classes, with the exception of those in the Royal Infirmary, are open to all ladies, whether taking a full medical curriculum or not. Prospectus and all information

from Miss H. F. Mackay, 20, Chambers Street (Minto House).

UNIVERSITY OF GLASGOW.

The whole course of study presented by the University of Glasgow (*q. v.*) can be passed in the Medical School of the University.

For practical work there are available the Physical, Chemical (winter course, £10 10s.; summer, £5 5s.), Physiological, Zoological, and Botanical Laboratories; and the Botanic Gardens.

Partial Study Elsewhere.—Only two of the five years need be spent at the University; the remaining three may be spent in such universities or schools, or under such teachers, as are recognised by the University Court.

Bursaries, etc.—Sixteen Bursaries and Prizes in Medicine are open to competition during Session 1899-1900, the aggregate value of which is about £335, besides 15 in the Faculty of Science, and 3 in the Faculty of Arts open to medical students. Several of the bursaries are also open to women.

Hospitals.—The University is in the immediate neighbourhood of the Western Infirmary, with 400 beds, and near to the Lunatic Asylum, and Special Hospitals for Diseases of the Eye, Skin, etc.

Fees.—The class fees are, as a rule, £3 3s., excepting Practical Anatomy and Anatomical Lectures (in summer), Operative Surgery, Embryology, and Diseases of Women, which are £2 2s. A Perpetual Hospital Ticket costs £21, payable £10 10s. in the first year, and the same the second, and this includes clinical instruction. The fee for the degree of M.D. is £10 10s. (exclusive of stamp duty, £10); for Ch.M., £10 10s. The total class and hospital fees for the five years' course amount to about £97 13s., to which add the annual matriculation fee (£1 1s.) and the fees for M.B., Ch.B. (£23 2s.) making a total of £126.

The Women's Department of the University (Queen Margaret College).—The course of study, degrees, regulations, fees, etc., are the same as for men. Women students have their own buildings, with class rooms, reading and writing rooms, drawing room, library, etc., and are taught in classes apart from male students, but have all the rights and privileges of university students. Their clinical studies are taken in the Royal Infirmary, where wards are reserved for their exclusive use, and in its dispensaries; also in the Royal Hospital for Sick Children; the Royal Asylum, Gartnavel; the city of Glasgow Fever Hospital, Belvidere; and the Glasgow Mater-nity Hospital.

Scholarships and Bursaries at Queen Margaret College.—A scholarship of £20 for three years will be open to competition by first year students at the First Professional Examination in October, 1901. The Mackintosh Mental Science Bursary of £31 is open to medical students who have attended the Insanity Lectures. The University Commissioners have issued an Ordinance to make regulations for the admission of women to certain Bursaries, Scholarships, and Fellowships. It came into force on May 11th, 1895. Miss Galloway will supply details. See Prospectus for 1899-1900, page 46.

Class and Examination Fees.—The class and hospital fees for the subjects enjoined by Ordinance as constituting a five years' course of study and clinical work amount to about £95 11s. To this must be added £5 5s. for matriculation fees (£1 1s. for each of five years), £23 2s. for examination fees, and £5 1s. for registration as a medical practitioner.

Board for Students.—A House of Residence for women students, Queen Margaret Hall, is situated near the College. The cost for board and residence is £30 to £37 10s. for the College session of 30 weeks, according to accommodation. Students bring their own towels and dinner napkins. Full information can be obtained from Miss Galloway, Queen Margaret College; or from the Lady Superintendent, Queen Margaret Hall, Bute Gardens, Glasgow.

For further information male students may apply to Mr. W. Innes Addison, Matriculation Office, Glasgow University; women students to Miss Galloway, Queen Margaret College, Glasgow, W., from whom copies of the prospectus may be got.

ST. MUNGO'S COLLEGE, GLASGOW.

The College buildings are situated within the grounds of the Royal Infirmary, the wards and clinical instruction therein

being available for students. Qualifying classes are held during the winter in Physics, Zoology, Embryology, Chemistry, Anatomy, Materia Medica, Physiology, Pathology, Medicine, Surgery, Ophthalmology, Gynæcology, Diseases of Throat and Nose, and in Public Health, Laboratory Work. Instruction is also given daily in the Dispensary by the Assistant Physicians and Surgeons of the Royal Infirmary. During the summer the classes include Botany, Medical Chemistry, Practical Pathology, Practical Physiology, Anatomy, Operative Surgery, Diseases of Children, Clinical Medicine, Clinical Surgery, Medical Jurisprudence, Dermatology, Otology, Bacteriology and Psychological Medicine. All classes in this College qualify for the diplomas of the English, Scotch, and Irish Conjoint Boards.

Sessional Fees.—First year, £15 15s.; second year, £15 15s.; third year, £10 10s.; fourth year (and perpetual), £5 5s. Total cost of qualifying course, including Corporation Licence, about £100.

Class Fees.—£2 2s. for each class, except Anatomy, £4 4s.; Pathology, £4 4s.; Zoology, £4 4s.; Botany, £3 3s.; Otology, Throat and Nose, and Dermatology, £1 1s.

Hospital Fees.—First year, £10 10s.; second year (and perpetual), £10 10s.

GLASGOW: ANDERSON'S COLLEGE MEDICAL SCHOOL.

Lectures are delivered on all the subjects of the five years' curriculum. Hospital Practice and Clinical Lectures in Western or Royal Infirmary; Pathology in Western or Royal Infirmary; Vaccination and Dispensary Practice in Western or Royal Infirmary Dispensary. The above lectures qualify for all the Licensing Boards in the United Kingdom. They are also recognised by the Universities of London, Durham, Ireland, Glasgow, and Edinburgh (the latter two under certain conditions which are stated in the *School Calendar*).

The new buildings are situated in Dumbarton Road, immediately to the west of the entrance to the Western Infirmary, within two minutes' walk of that institution and four minutes' walk of the University.

A *Calendar* containing full particulars of the School may be obtained from the Secretary to the Medical Faculty, Anderson's College Medical School, Dumbarton Road, Partick, Glasgow.

The session opens on Thursday, October 19th.

Class Fees.—(Anatomy, Chemistry, Practical Physiology, Practical Materia Medica and Pharmacy, Zoology, Botany, and Mental Diseases excepted), first session, £2 2s.; second session, £1 1s.; afterwards free. Anatomy Class Fees: Winter, first session (including Practical Anatomy), £4 4s.; second session (including Practical Anatomy), £4 4s.; third session, £2 2s. To those who have had the necessary courses of Practical Anatomy, the fee will be £1 1s. Summer—Lectures and Practical Anatomy, £2 12s. 6d.; Lectures alone, £1 11s. 6d.; Practical Anatomy alone, £1 1s.; Osteology and Practical Anatomy, £2 12s. 6d.; Osteology alone, £1 11s. 6d. Chemistry Class Fees: Winter, first course, £2 2s.; second course, £2 2s. Summer (Practical), first course, £2 2s.; second course, £2 2s. Practical Physiology Class Fees: first course, £2 2s.; second course, £2 2s. Practical Materia Medica and Pharmacy Fees: first session, £2 2s.; second session, £2 2s. Zoology, £1 11s. 6d. Practical Zoology, £1 1s. Botany, £1 11s. 6d. Practical Botany, £1 1s. Mental Diseases, £1 1s. Matriculation Fee: Winter, 10s. to those taking out two or more classes, which represents a combined fee for the winter and summer sessions; 5s. to those taking only one class. Summer, 5s., except to those who have paid a fee of 10s. for the winter session. Students who have attended classes at otherschools, and who desire to pursue their studies at Anderson's College Medical School, will be admitted to such classes as they may have attended elsewhere at the reduced fees.

UNIVERSITY COLLEGE, DUNDEE.

Some information as to this college will be found under the head of University of St. Andrews.

Dundee Royal Infirmary.—The Infirmary contains 286 beds, with a special ward for the treatment of diseases of children. Three Resident Qualified Assistants are appointed annually. Clinical Clerks and Dressers are attached to the physicians

and surgeons, and students are appointed to assist in the *post-mortem* room. Instruction in Practical Pharmacy is given in connection with the Dispensary. Out-patients are seen daily at 9 A.M. The instruction given at the infirmary is recognised for purposes of graduation by all the Scotch Universities, the University of London, the Royal University of Ireland, and by the Royal Colleges of England and Scotland. Further information may be had on application to the Medical Superintendent.

Dundee Royal Asylum.—The appointments include a qualified Resident Assistant and two Resident Clinical Clerks. Clinical instruction is given.

Fees.—The fee in the case of most of the classes is 3 guineas. The hospital ticket is 3 guineas a year or 2 guineas a session. The total fees for the five years' curriculum would amount to about 80 guineas.

The session begins on Wednesday, October 11th.

IRELAND.

Students desirous of prosecuting their medical studies in Ireland may attend the School of Physic in the University of Dublin; the Schools of Surgery of the Royal College of Surgeons of Ireland, the Catholic University School of Medicine, Dublin; or the Schools of Medicine of the Queen's Colleges in Belfast, Cork, or Galway. The student will be guided in making his arrangements for clinical instruction by the advice of the teachers of the School which he may select to attend.

SCHOOL OF PHYSIC IN IRELAND, DUBLIN.

This school is formed by an amalgamation of the medical school of Trinity College and of the Royal College of Physicians; the King's Professors of Institutes of Medicine, Practice of Medicine, Materia Medica, and Midwifery, being appointed by the latter.

Clinical instruction is given by the staff of Sir Patrick Dun's Hospital. The following Hospitals are also recognised by the Board of Trinity College: Adelaide Hospitals, City of Dublin Hospital, Dr. Steevens's Hospital, House of Industry Hospitals, Jervis Street Infirmary, Mater Misericordiae Hospital, Mercer's Hospital, Meath Hospital, the National Eye and Ear Infirmary, St. Mark's Ophthalmic Hospital, St. Vincent's Hospital, Richmond Hospital, St. Patrick's Hospital.

CATHOLIC UNIVERSITY MEDICAL SCHOOL.

Prospectuses and further information about this school, which provides complete courses of lectures as required by the examining bodies, may be obtained from the Registrar of the School, Cecilia Street, Dublin, who has written a very useful *Guide for Medical Students*. The composition fee is £165 3s.

THE SCHOOLS OF SURGERY OF THE ROYAL COLLEGE OF SURGEONS IN IRELAND.

The Schools of Surgery are attached by Charter to the Royal College of Surgeons, Dublin, and have existed as a department of the College for over a century. They are carried on within the College buildings, and are specially subject to the supervision and control of the Council. The buildings have been reconstructed, the capacity of the Dissecting Room nearly trebled, and special Chemical, Pathological, Bacteriological, Public Health, and Pharmaceutical Laboratories fitted with the most approved appliances, in order that students may have the advantage of the most modern methods of instruction. There are special rooms set apart for lady students. The entire building is now heated by hot-water pipes, and lighted throughout by the electric light. A refreshment room is also open, where students can have luncheon. The certificates of this school are accepted by all the Universities and Colleges of Physicians and Surgeons throughout the kingdom. The winter session commences October 1st, and the summer session April 1st. All the lectures and courses of practical instruction may be attended by medical students who are otherwise unconnected with the College.

Prizes.—The Barker Anatomical Prize (£21). The Carmichael Scholarship (£15). The Mayne Scholarship (£15). The Gold Medal in Surgery, and the Stoney Memorial Medal in Anatomy. Class Prizes of £3 and £1, accompanied by medals, will also be given in each subject.

Fees.—The composition fee is £166 19s.

Prospectus and students' guides will be forwarded on written application to the Registrar, Royal College of Surgeons, Dublin.

QUEEN'S COLLEGE, BELFAST.

The courses of study meet the requirements of the Royal University of Ireland and other examining bodies. The class fee is £2, except in a few cases. The total cost of the medical curriculum of the Royal University of Ireland, including examination fees and perpetual fee for the Royal Hospital, but not including fees for the special hospitals, is about £95. It amounts to about the same for the course of the Conjoint Board in Ireland.

Clinical instruction is given at the Royal Hospital. *Fees*, six months, £7 7s.; nine months, £9 9s.; Perpetual, £21 in two instalments. The Maternity Hospital, the Ulster Hospital for Women and Children, the Hospital for Sick Children, the Ophthalmic Hospital, the Ulster Eye, Ear, and Throat Hospital, and the District Lunatic Asylum, are open to students.

Prizes.—(1) Ten medical scholarships each year, value £20 each; (2) two Dunville studentships (one each alternate year), value £145 each; (3) one Andrews studentship each alternate year, value £145; (4) numerous sessional prizes. Clinical Prizes: two exhibitions each year, value £20 each.

The College contains laboratories in connection with the departments of Chemistry, Physiology, and Pathology.

A Students' Union provides dining room, reading room, library, and various recreation rooms.

A pamphlet containing full information can be had free on application to the Registrar, Queen's College, Belfast.

QUEEN'S COLLEGE, CORK.

Clinical instruction is given at the North and South Infirmaries (each 100 beds). Students can also attend the Mercy Hospital 60 beds, the Cork Union Hospital, the County and City of Cork Lying-in Hospital, the Maternity, the Hospital for Diseases of Women and Children, the Fever Hospital, the Ophthalmic and Aural Hospital, and the Eglington Lunatic Asylum. The session at Queen's College extends from October to April inclusive (twenty-seven weeks), but arrangements have been made for the delivery of some of the three months' courses of lectures during the months of April, May, and June. The hospitals are open to students in May, June, and July also. The composition fee is £100.

CLINICAL HOSPITALS OF DUBLIN.

SIR PATRICK DUN'S HOSPITAL.

Appointments.—A House-Surgeon is appointed annually, and four Resident Pupils half-yearly.

Hospital Attendance and Clinical Lectures.—The payment of £12 12s. entitles a student to the benefits of Hospital attendance and Clinical teaching for the winter and summer sessions. *Fee* for winter session only, £8 8s. *Fee* for summer session only, £5 5s. The fees will be received by Dr. Taylor, Honorary Secretary, by any member of the staff, or by the Registrar of the School of Physic in Trinity College.

RICHMOND, WHITWORTH, AND HARDWICKE HOSPITALS.

These Hospitals contain 312 beds: 110 for surgical cases, 82 for medical cases, 120 for fever and other epidemic diseases.

The Richmond Lunatic Asylum, containing over 1,200 patients, adjoins these hospitals, affording facility for the study of mental disease.

Appointments.—A Resident Surgeon and a Resident Physician are appointed every year, receive a salary, and hold office for one year. Eight Residential Clinical Clerks are appointed each half year, and provided with furnished apartments, fuel, etc. These appointments are open not only to advanced students, but also to those who are qualified in Medicine and Surgery. The Dressers are selected from among the best qualified of the pupils, without the payment of any additional fee.

Further information can be obtained from the Honorary Secretary, Dr. J. O'Carroll, 43, Merrion Square E., or the Honorary Treasurer, Sir William Thomson, 54, Stephen's Green, E.

ADELAIDE MEDICAL AND SURGICAL HOSPITALS.

The hospitals contain 140 beds. A House-Surgeon is appointed yearly, and three resident pupils are selected half-yearly.

Further particulars may be obtained from Mr. F. T. Heuston, 15, St. Stephen's Green, Dublin, N., or any of the members of the medical staff.

CITY OF DUBLIN HOSPITAL.

This Hospital, in addition to the general Medical and Surgical Wards, contains special wards for Ophthalmic and Aural Cases, Diseases of Women, and Diseases of Children. There is also an isolated building for the reception of infectious cases. An entirely new operation theatre has been constructed in accordance with the most modern surgical requirements.

Appointments.—Clinical Clerks to the Physicians and Dressers to the Surgeons are appointed from the most deserving of the class, and certificates awarded for the faithful performance of their duties. Medical and Surgical Resident Pupils are appointed, and Special Certificates awarded if merited. A Resident Medical Officer is appointed annually. For detailed prospectus or further particulars apply to Mr. G. Jameson Johnston, F.R.C.S.I., Honorary Secretary, Medical Board, 13, Lower Fitzwilliam Street, or at the hospital.

JERVIS STREET HOSPITAL, DUBLIN.

The hospital was founded in 1718, and was rebuilt in 1886.

Appointments.—Resident Pupils, Clinical Clerks, and Dressers are appointed every six months without additional fee, and are awarded special certificates if their duties have been satisfactorily performed. Six interns are appointed each half-year, and are provided with apartments, etc., free of expense. *Fees:* Winter session, £8 8s.; summer, £5 5s.; winter and summer, £12 12s.

The hospital prospectus and any further information can be obtained from Dr. Thos. G. Stevens, Hon. Secretary, Medical Board.

MATER MISERICORDIÆ HOSPITAL.

This hospital, the largest in Dublin, at present contains 335 beds. Fifty beds are specially reserved for the reception of patients suffering from fever and other contagious diseases. Connected with the hospital are extensive Dispensaries, which afford valuable opportunities for the study of general Medical and Surgical Diseases, Accidents, etc.

Appointments.—Four House-Physicians, eight House-Surgeons, and twelve Resident Pupils are elected from the most attentive of the class, each year.

Entries are to be made with and fees paid to the Registrar, A. Chance, F.R.C.S., 90, Merrion Square, Dublin.

A prospectus containing in detail the arrangements for clinical instruction, prizes, etc., may be obtained from the Secretary of the Medical Board, Dr. Joseph Redmond, 41, Merrion Square East, Dublin.

MERCER'S HOSPITAL.

This hospital, founded in 1707, is situated in the centre of Dublin, in the immediate vicinity of the Schools of Surgery of the Royal College of Surgeons, the Catholic University School of Medicine, and within five minutes' walk of Trinity College. It contains 120 beds for medical and surgical cases, and arrangements have been made with the medical officers of Cork Street Fever Hospital whereby all students of this hospital are entitled to attend the clinical instruction of that institution, and become eligible for the posts of Resident Pupil, etc. There is a large Out-patient Department, and a Special Department for diseases peculiar to women and infants. During the last few years the hospital has undergone extensive alterations in order to bring it up to modern requirements.

Appointments.—A House-Surgeon is appointed annually, Five Resident Pupils are appointed, each for six months, and Clinical Clerks and Dressers monthly, from amongst the most deserving members of the class.

Fees.—Winter, six months, £8 8s.; Summer, three months, £5 5s.; nine months, £12 12s.

The certificates of this hospital are recognised by all licensing bodies.

For further particulars, apply to Mr. R. Charles B. Maunsell, M.B., etc., 47, Fitzwilliam Square, Dublin.

DR. STEEVENS'S HOSPITAL.

The hospital contains 200 beds. The facilities for obtaining practical acquaintance with the treatment of injuries from accidents and other emergencies are unusually great in this institution, owing to its position, and there are always in the wards instructive cases of acute and chronic disease. The various forms of syphilis can be studied in the ward set apart for this disease, and there is also a separate Fever House.

A fee of £10 10s. is charged for each term of three months' residence. This fee includes that for Hospital Practice, and must be paid in advance. Resident pupils not requiring certificates in Hospital Practice are admitted at reduced rates.

There is accommodation for two Medical and six Surgical Resident Pupils, who are provided with separate furnished rooms, with coals and gas, also a common comfortable sitting-room for meals, which latter can be obtained at a reasonable rate.

Further particulars may be obtained from the Honorary Secretary, Dr. R. A. Hayes, 82, Merrion Square South, Dublin.

ST. VINCENT'S HOSPITAL.

This hospital contains 160 beds, and has attached to it a dispensary and three special dispensaries. The whole practice of the hospital is available for clinical instruction, which is carried on during the session in a systematic manner. Systematic courses are delivered in Medicine and Surgery. *Post-mortem* examinations are made in the pathological theatre, and frequent opportunities are given for the examination of morbid specimens. There is a museum in connection with this department. Instruction is also given daily in the dispensaries.

The hospital is in proximity to the principal colleges and medical schools. Its certificates are recognised by all the universities and licensing bodies in the United Kingdom. Two Resident Medical Officers and sixteen Resident Pupils are appointed annually from amongst the most deserving members of the class. The fees for clinical attendance are the same as at the other Dublin hospitals.

Arrangements have been made with the Fever Hospital, Cork Street, for providing senior students with clinical instruction in infective fevers, as required by the licensing bodies, without extra charge.

Further particulars can be obtained on application to the Honorary Secretary, Mr. R. F. Tobin, F.R.C.S.I., 60, Stephen's Green, Dublin.

MEATH HOSPITAL AND CO. DUBLIN INFIRMARY.

This hospital now contains 160 beds available for clinical teaching. A new building for the isolated treatment of Fevers has recently been added. New Accident Wards and Operating Theatres have now been completed and all the modern requirements of Surgical Teaching have been provided. The certificates of this hospital are recognised by all the universities and licensing bodies of the United Kingdom.

Twelve Medical and Surgical Resident Pupils and Clinical Clerks and Dressers are appointed every session, and a House-Surgeon is elected annually.

A prospectus giving the complete arrangements for the Medical and Surgical Classes for the coming session may be obtained from the Secretary of the Medical Board, R. Glasgow Patteson, F.R.C.S., 20, Lower Baggot Street, Dublin.

ROTUNDA HOSPITAL.

Master—Dr. R. D. Purefoy.

This institution consists of two distinct hospitals—namely, the Lying-in Hospital, into which 1,700 labour cases are, on an average, admitted annually, and the Auxiliary Hospital, set apart for the reception and treatment of patients suffering from the various forms of uterine and ovarian disease; about 500 patients are received into this hospital during each year.

There is also in connection with the hospital a large extern maternity (1,838 patients were in the past year attended at their own homes), and a Dispensary for Diseases Peculiar to Women, which is open daily.

Pupils are admitted to the practice of all these departments.

Clinical instruction in Midwifery and the Diseases of Women is given daily, and lectures are delivered regularly during the session on the subjects. Pupils can enter at any time.

The diploma from this hospital is granted to pupils on their passing an examination before the Master and Assistants after a period of six months' attendance on the practice of the hospital.

Accommodation is provided for a limited number of intern pupils.

Fees.—Intern pupils: Six months, £21; three months, £12 12s.; two months, £9 9s.; one month, £6 6s. Extern pupils: Six months, £10 10s.; three months, £6 6s.

CLINICAL HOSPITALS.¹

OPPORTUNITIES for clinical instruction and study are afforded by many hospitals which are not directly connected with any medical school, and the student will often find it to his advantage to resort to them, especially in the fifth year of the curriculum, as they offer great facilities for gaining practical clinical experience. The following pages contain brief particulars as to the most important of these.²

LONDON.

Clinical instruction and appointments as Clinical Assistants can be obtained at many of the Special Hospitals in London, as well as at the General Hospitals to which medical schools are not attached. Resident appointments (Resident Medical Officer, House-Surgeon, House-Physician, etc.) are made from time to time, and vacancies are announced in our columns. The appointments are usually for stated periods of six or twelve months.

GENERAL HOSPITALS.

Great Northern Central Hospital, Holloway Road, N.—This hospital is now recognised by the Examining Board in England of the Royal Colleges of Physicians and Surgeons as a place of study during the fifth year of the medical curriculum. The hospital contains 159 beds, all of which are at present occupied. The large rectangular and circular wards, each of which contains 20 beds, the operation theatre, outpatient department, general and special, and the pathological departments, have all been erected since 1887. Medical practitioners are invited to attend the general and special practice of the hospital. Clinical Assistants (qualified), Clinical Clerks, and Pathological Clerks are appointed in the general and special departments, and may receive certificates at the end of their terms of office. There are four Resident Medical Officers, Senior and Junior House-Surgeons, Senior and Junior House-Physicians; also Pathologist and Registrar, Casualty Officer, and Anaesthetists. Full particulars of and rules for these appointments can be obtained from Peyton T. B. Beale, F.R.C.S., Honorary Secretary, Medical Committee.

London Temperance Hospital.—The hospital contains 110 beds. The medical and surgical practice is open to students and practitioners. Appointments (vacancies for which are advertised in the medical journals): Surgical and Medical Registrars, Resident Medical Officer, and one Assistant Resident Medical Officer. For particulars as to hospital practice and classes apply at the hospital.

Seamen's Hospital Society.—Dreadnought Hospital, Greenwich, 225 beds. Branch Hospital, Royal Victoria and Albert Docks; 50 beds. Dispensary at 51, East India Dock Road, and at Gravesend. Opportunities are afforded to students and others who may be desirous of studying Practical Surgery and diseases incidental to Tropical Climates. Information with regard to the School of Tropical Medicine will be found on p. 552.

West London Hospital, Hammersmith Road, W. (West London Post-graduate College).—The hospital contains 175 beds of which 150 are now in occupation. Some 2,500 in-patients are treated in the hospital during the year. The teaching in the hospital is especially devoted to the requirements of post-graduates. The Physicians and Surgeons attend on Mondays, Tuesdays, Thursdays, and Fridays, at 2.30 P.M., and instruc-

¹ Additions or corrections intended for future editions should be forwarded to the Editor not later than the end of July in each year.

² For Clinical Hospitals in Dublin see page 543.