INSTITUTION OF ELECTRICAL ENGINEERS, RADIO SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "What should be the Design Considerations of Services' Radio Equipment?" (to be opened by Mr. S. J. Moss and Mr. G. C. F. Whittaker).

CHEMICAL SOCIETY, SOUTHAMPTON BRANCH (joint meeting with the PORTSMOUTH AND DISTRICT CHEMICAL SOCIETY, in the Municipal College, Portsmouth), at 7 p.m.—Dr. F. P. Bowden, F.R.S.: "Tribochemistry and the Initiation of Explosives".

### Wednesday, October 20

INSTITUTION OF ELECTRICAL ENGINEERS, SUPPLY SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. C. O. Boyse: Inaugural Address as Chairman.

ROYAL INSTITUTE OF CHEMISTRY (joint meeting with the London Section of the Society of Chemical Industry, at the Royal Society of Medicine, 1 Wimpole Street, London, W.1), at 6.30 p.m.—Dr. J. G. Fife: "Protection of Chemical Inventions".

ROYAL STATISTICAL SOCIETY, NORTH-EASTERN GROUP of the INDUSTRIAL APPLICATIONS SECTION (at the Chemical Industries Club, 18 Lovain Place, Newcastle-upon-Tyne), at 6.30 p.m.—Dr. B. P. Dudding: "A Statistical Contribution to Production Economy".

SOCIETY FOR VISITING SCIENTISTS (at 5 Old Burlington Street, London, W.1), at 7.30 p.m.—Discussion on "Science and Peace" (to be opened by Prof. J. D. Bernal, F.R.S., and Prof. N. F. Mott, F.R.S.).

TRISH CHEMICAL ASSOCIATION (in the Department of Chemistry Trinity College, Dublin), at 7.45 p.m.—Prof. T. S. Wheeler: "The Training of a Chemist" (Presidential Address).

### Thursday, October 21

INSTITUTION OF MINING AND METALLURGY (at the Geological Society of London, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr. A. M. Bensusan: "Notes on a Small Working in Southern Rhodesia"; Messrs. E. J. Pryor and K.-B. Liou: "A Simple Flotation Call". Cell

BRITISH INSTITUTION OF RADIO ENGINEERS (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 6 p.m.—Annual General Meeting; Mr. I., H. Bedford: Presidential Address.

CHEMICAL SOCIETY, HULL BRANCH (joint meeting with the LOCAL SECTION of the OIL AND COLOUR CHEMISTS' ASSOCIATION and the UNIVERSITY COLLEGE SCIENTIFIC SOCIETY, in the Science Lecture Theatre, University College, Hull), at 6 p.m.—Dr. A. E. Alexander: "Surface Chemistry—its Achievements and its Future".

ROYAL AERONAUTICAL SOCIETY (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Mr. G. W. Wilson and Squadron-Leader E. P. Bridgland: "Cold Weather Operation of Aircraft".

TEXTILE INSTITUTE (at 16 St. Mary's Parsonage, Manchester), at 7.15 p.m.—Mr. H. W. Best-Gordon: "Chemical Aids to Textile Processing and Finishing".

TEXTILE INSTITUTE, YORKSHIRE SECTION (at the University, Leeds), at 7.15 p.m.—Mr. E. V. Giles: "Application of Plastics to the Textile Industry".

CIEMICAL SOCIETY, EDINBURGH BRANCH (joint meeting with the LOCAL SECTIONS of the ROYAL INSTITUTE OF CHEMISTRY and the SOCIETY OF CHEMICAL INDUSTRY, at the North British Station Hotel, Edinburgh), at 7.30 p.m.—Prof. J. W. Cook, F.R.S.: "Some Aspects of the Chemistry and Biochemistry of Polycyclic Aromatic Hydrocarbons"

### Friday, October 22

CHEMICAL SOCIETY, BIRMINGHAM BRANCH (joint meeting with the UNIVERSITY OF BIRMINGHAM CHEMICAL SOCIETY, in the Main Lecture Theatre, Chemistry Department, The University, Edgbaston, Birmingham), at 4.30 p.m.—Sir Cyril Hinshelwood, F.R.S.: "Cell Growth Phenomena and Chemical Kinetics".

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Geophysical Discussion.

MANCHESTER STATISTICAL SOCIETY, STATISTICAL METHODS STUDY GROUP (at the Society of Architects, 16 St. Mary's Parsonage, Manchester), at 5.30 p.m.—Mr. W. A. B. Hopkin: "Some Problems of Population Statistics".

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 6 p.m.—Capt. (E.) W. Gregson: Presidential Address.

INSTITUTE OF PHYSICS, MANCHESTER AND DISTRICT BRANCH (in the New Physics Theatre, The University, Manchester), at 7 p.m.—Mr. H. L. Kirke: "Studio Acoustics and Modern Methods of Measurement".

## APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the dates mentioned:

SENIOR LECTURER IN ANATOMY—The Secretary of University Court, The University, Glasgow (October 23).

GRADUATE ASSISTANT CHEMIST in the Laboratory, Rookery Park, Erdington, Birmingham, to carry out work concerned with sewage purification—The Clerk to the Birmingham Tame and Rea District Drainage Board, 117 Colmore Row, Birmingham 3 (October 23).

SENIOR LECTURER IN SOILS AND FERTILIZERS at the Canterbury Agricultural College, Lincoln, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 32 Woburn Square, London, W.C.1 (October 25).

Principal of the Shropshire Farm Institute—The Secretary for Education, Education Office, County Buildings, Princess Street, Shrewsbury (October 30).

Lecturer of an Assistant Lecturer in Structural Engineering—The Registrar, College of Technology, Manchester 1 (November 1).

Analysts for the analysis of samples of drugs and medicines taken on test prescriptions dispensed by pharmacists and authorized sellers of poisons under Part IV of the National Health Service Act 1946—The Chief Pharmacist, Ministry of Health, Whitehall, London, S.W.1 (November 1).

of poisons under Part IV of the National Health Service Act 1946—The Chief Pharmacist, Ministry of Health, Whitehall, London, S.W.1 (November 1).

CHAIRS OF MINING, MECHANICAL, ELECTRICAL, and CIVIL ENGINEBRING, in the New South Wales Technical University—The Agent General for New South Wales, 56 Strand, London, W.C.2 (November 1).

FOUNDATION CHAIR OF CHEMICAL ENGINEERING in the New South Wales Institute of Technology (Technical University)—The Agent General for New South Wales, 56 Strand, London, W.C.2 (November 1).

POULTRY OFFICERS (2, male) IN THE DEPARTMENT OF AGRICULTURE AND LANDS—The Secretary, Government of Southern Rhodesia, Rhodesia House, 429 Strand, London, W.C.2 (November 3).

SENIOR SCIENTIFIC OFFICER in the Ministry of Supply at the Atomic Energy Research Establishment, Harwell—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2298 (November 4).

EXPERIMENTAL OFFICERS IN THE CHEMICAL INSPECTORATE (Atomic Energy), Ministry of Supply—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2297 (November 4).

LECTURER IN ANATOMY—The Registrar, King's College, Strand, London, W.C.2 (November 8).

SENIOR ASSISTANT IN PHYSIOS—The Secretary, South-East London Technical College, Lewisham Way, London, S.E.4 (November 13).

LECTURER IN BIOLOGY at the New England University University of Sydney), Armidale, N.S.W.—The Secretary, Association of Universities of the British Commonwealth, 32 Woburn Square, London, W.C.1 (November 15).

LECTUREE IN THE DEPARTMENT OF GEOGRAPHY of the Natal University College, Pietermaritzburg—The Secretary, Association of Universities of the British Commonwealth, 32 Woburn Square, London, W.C.1 (November 30).

Universities of the British Commonwealth, 32 Woburn Square, London, W.C.1 (November 30).

Lecturer in Botany (plant physiology)—The Registrar, University College, Southampton (November 30).

Lecturer in Chemistry in the University of Adelaide—The Secretary, Association of Universities of the British Commonwealth, 32 Woburn Square, London, W.C.1 (December 1).

Lecturer in Economic Statistics in the Faculty of Economics of the University of Sydney—The Secretary, Association of Universities of the British Commonwealth, 32 Woburn Square, London, W.C.1 (Sydney, December 31).

Senior Leturer in Botany at Rhodes University College, Grahamstown, South Africa—The Secretary, Association of Universities of the British Commonwealth, 32 Woburn Square, London, W.C.1 (December 31).

town, South Africa—The Secretary, Association of Universities of the British Commonwealth, 32 Woburn Square, London, W.C.1 (December 31).

PLANT PATHOLOGIST in the West African Cocoa Research Institute, Gold Coast, to undertake investigation into the diseases of cocoa—The Director of Recruitment, Colonial Service, Sanctuary Buildings, Great Smith Street, London, S.W.I.

LECTURER IN CHEMISTRY—The Registrar, College of Technology and Commerce, The Newarke, Leicester.

Head of the Science Department—The Headmaster, Clifton College, Bristol 8.

Honours Graduate for training as a Fish Processing Expert—The Under-Secretary of State, Colonial Office (Research Department), Sanctuary Buildings, Great Smith Street, London, S.W.I.

LECTURER IN THE MATHEMATICS DEPARTMENT—The Principal, Northampton Polytechnic, St. John Street, London, E.C.I.

RESEARCH BURSARY IN THE CHEMISTRY DEPARTMENT of the Imperial College of Science and Technology, for fundamental research on the physical chemistry of high-temperature reactions involving iron—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.I.

LABORATORY STEWARD IN THE DEPARTMENT OF BIOLOGY—The Principal, Technical College, Brighton.

LABORATORY ASSISTANT (man) for biology, chemistry and physics laboratories, at George Green's School, East India Dock Road, Poplar, London, E.I.—The Education Officer (Estab. 2), County Hall, Westminster Bridge, London, S.E.I.

JUNIOR STUDENT LABORATORY TECHNICIAN (Grade III) IN THE DEPARTMENT OF PHARMACOLOGY—The Secretary, University College, Gower Street, London, W.C.I., quoting "Pharma/I".

LABORATORY TECHNICIAN (Grade III) IN THE DEPARTMENT OF PHARMACOLOGY—The Secretary, University College, Gower Street, London, W.C.I., quoting "Pharma/I".

LABORATORY TECHNICIAN (Grade III) IN THE DEPARTMENT OF PHARMACOLOGY—The Secretary, University College, Gower Street, London, W.C.I., quoting "Pharma/I".

LABORATORY ASSISTANT to take charge of the work in either the physics or chemistry laboratories—The Bursar, The Colle

ham.
CHEMIST by the East African Industrial Management Board,
Nairobi—The Crown Agents for the Colonies, 4 Millbank, Londou,
S.W.1, quoting M.N.21789/3E.
TECHNICIAN IN THE MOZELLE SASSOON SUPER VOLTAGE X-RAY
THERAPY DEPARTMENT—The Clerk to the Governors, St. Bartholomew's Hospital, West Smithfield, London, E.C.1, endorsed 'Technician'.

# REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Catalogues

Chance Optical Glass. Pp. 14+7 plates. (Smethwick: Chance

Chance Optical Glass. Pp. 1477 parts. (Statements, Ltd., 1948.)

Periodica: a Catalogue of Periodicals and Journals, Proceedings and Transactions of Institutions and Academies, both British and Foreign, and also an Extensive Radio Library. (Summer Catalogue.)

Pp. 80. (London: Wm. Dawson and Sons, Ltd., 1948.)