

INSTITUTION OF CIVIL ENGINEERS (ROAD ENGINEERING DIVISION) (at Great George Street, Westminster, London, S.W.1), at 5 p.m.—Mr. H. J. E. Carter and Dr. A. R. Lee: "The Use of Cold and Wet Aggregates in Bituminous Construction for Roads and Aerodromes".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Sir Henry Dale, G.B.E., P.R.S.: "Progress in the Treatment of Infections", 3: "Present Developments".*

INSTITUTION OF ELECTRICAL ENGINEERS (WIRELESS SECTION) (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "The Role of Ultra-High Frequencies in Post-War Broadcasting" (to be opened by Mr. K. I. Jones and Mr. D. A. Bell).

ROYAL PHOTOGRAPHIC SOCIETY (SCIENTIFIC AND TECHNICAL GROUP) (at 16 Princes Gate, South Kensington, London, S.W.7), at 6 p.m.—Demonstration of Eastman High-Speed Camera, Type III, with Films Taken on It.

SHEFFIELD METALLURGICAL ASSOCIATION (joint meeting with the SHEFFIELD BRANCH OF THE INSTITUTE OF WELDING) (at 198 West Street, Sheffield 1), at 6.30 p.m.—Mr. H. F. Tremlett: "Metallurgical Aspects of the Welding of Hardenable Alloy Steels".

CHEMICAL SOCIETY (in the Lecture Theatre of the University, Teviot Place, Edinburgh), at 7 p.m.—Prof. M. Polanyi: "The Strength of Carbon Bonds".

Wednesday, November 17

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Mr. Stuart Hibberd: "The Coming-of-Age of the B.B.C.".

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 3 p.m.—Sir Edmund O. Realc: "The Contribution of Geological Surveys to Colonial Development".

ASSOCIATION OF CZECHOSLOVAK SCIENTISTS AND TECHNICIANS (SECTION OF MECHANICAL AND ELECTRICAL ENGINEERING) (at the Czechoslovak Institute, 18 Grosvenor Place, London, S.W.1), at 5.15 p.m.—Mr. J. Tchohradský: "Aurel Stodola—the Teacher, the Scientist, the Man".

Thursday, November 18

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 2.30 p.m.—Mr. E. J. Bowen, F.R.S.: "Wave Mechanics and Colour of Organic Compounds".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 2.30 p.m.—Sir James Jeans, O.M., F.R.S.: "The Methods of Modern Astronomy", 3: "Physical Astronomy".*

INSTITUTE OF PHYSICS (ELECTRONICS GROUP) (at the Institution of Electrical Engineers, Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. G. W. Warren: "High Vacuum Technique".

Friday, November 19

PHYSICAL SOCIETY (OPTICAL GROUP) (in the Physics Department of the Imperial College, Imperial Institute Road, South Kensington, London, S.W.7), at 2.30 p.m.—Discussion on "The Measurement of Aberrations, with Special Reference to Photographic Lenses" (to be opened by Mr. T. Smith, F.R.S.).

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Prof. C. E. Inglis, F.R.S.: "Gyroscopic Principles and Applications" (Thirtieth Thomas Hawksley Lecture).

INSTITUTE OF PHYSICS (LONDON AND HOME COUNTIES' BRANCH) (at the British Institute of Radiology and Röntgen Society, 32 Welbeck Street, London, W.1), at 6 p.m.—Prof. W. V. Mayneord: "The Physical Principles of Radium Therapy".

Saturday, November 20

BRITISH RHEOLOGISTS' CLUB (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 2 p.m.—Commander C. F. Goodve, F.R.S.: "Rheology and Naval Problems".

APPOINTMENTS VACANT

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

PRINCIPAL OF THE OPENSRAW MUNICIPAL TECHNICAL SCHOOL—The Director of Education, Education Office, Deansgate, Manchester 3 (November 18).

HORTICULTURAL INSTRUCTOR (MALE)—The Clerk to the Somerset County Council, County Hall, Taunton, Somerset (November 19).

EDUCATIONAL PSYCHOLOGIST (WOMAN)—The Secretary, Education Offices, County Hall, Northallerton, Yorks. (November 20).

HEAD OF THE ELECTRICAL ENGINEERING DEPARTMENT—The Secretary, Robert Gordon's Technical College, Aberdeen (November 20).

LECTURER with good workshop experience for the PRODUCTION ENGINEERING SECTION of the Mechanical Engineering Department—The Organizer for Further Education in Rugby, College of Technology and Arts, Eastlands, Rugby (November 20).

SPEECH THERAPIST—The Director of Education, Education Offices, Nelson Square, Bolton, Lancs. (November 20).

ASSISTANT (temporary) to teach MATHEMATICS and other JUNIOR ENGINEERING SUBJECTS—The Principal, County Technical College and School of Art, Newark, Notts. (November 22).

LECTURER IN THE MATHEMATICS DEPARTMENT—The Principal, Heriot-Watt College, Edinburgh (November 22).

ASSISTANT LECTURER IN GEOLOGY—The Registrar, University College, Nottingham (November 22).

ASSISTANTS (temporary) to RURAL LAND UTILIZATION OFFICERS in certain parts of England and Wales (candidates should have a sound knowledge of general agricultural practice)—The Ministry of Labour

and National Service, Central (Technical and Scientific) Register Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. E.A.738) (November 23).

ADVISER IN AGRICULTURAL CHEMISTRY—The Registrar, The University, Manchester 13 (November 23).

ASSISTANT (temporary) IN AGRICULTURE at the Somerset Farm Institute, Cannington, near Bridgwater—The Clerk to the Somerset County Council, County Hall, Taunton (November 24).

EDUCATIONAL PSYCHOLOGIST (full-time) to be responsible for the direction of the Child Guidance Clinics of the County Boroughs of Lincoln and Grimsby—The Director of Education, City Education Office, 4 Lindum Road, Lincoln (November 26).

INSPECTOR FOR MATHEMATICS—The Clerk to the Board, Central Welsh Board Offices, Cardiff (November 30).

HEADMASTER OF REPTON SCHOOL (candidates must be graduates of a university in the United Kingdom or elsewhere in the British Empire, but need not be in Holy Orders)—The Clerk to the Governors, 102 Friar Gate, Derby (November 30).

REGIUS PROFESSOR OF ZOOLOGY at Glasgow University—The Private Secretary, Scottish Office, Fielden House, 10 Great College Street, London, S.W.1 (January 17).

SENIOR TECHNICAL OFFICER, TANK TECHNOLOGY—The Ministry of Labour and National Service, Central (Technical and Scientific) Register, D. Section, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. D.634).

IRRIGATION ENGINEER by the Government of Northern Rhodesia—The Ministry of Labour and National Service, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. E.784).

FULL-TIME LECTURER IN BIOLOGY, mainly for Zoology, which must be offered to Degree standard—The Registrar, Municipal College, Portsmouth.

ASSISTANT ENGINEER for the Sudan Government Railways—The Ministry of Labour and National Service, Central (Technical and Scientific) Register, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. E.783).

SPEECH THERAPIST (WOMAN)—The Chief Education Officer, Education Offices, 215 High Street, Smethwick 41, Staffs.

LECTURER IN STRUCTURAL ENGINEERING at the Constantine Technical College—The Director of Education, Education Offices, Woodlands Road, Middlesbrough.

TEACHER OF MATHEMATICS AND ELEMENTARY SCIENCE up to School Certificate Standard for Service students at the Victoria Institute—The Secretary for Education, 4 Copenhagen Street, Worcester.

DEAN OF ENGINEERING COLLEGE, Baghdad—The British Council, 3 Hanover Street, London, W.1 (endorsed "Baghdad").

DIETICIAN (non-resident)—Matron "R2", Staines County Hospital, Ashford, Middlesex.

DEPUTY DIRECTOR OF MANUFACTURE AND PLANNING in the Aeronautical Stores Division under the Government of India—The Ministry of Labour and National Service, Central (Technical and Scientific) Register, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. C.1943A).

HEADMASTER FOR THE TECHNICAL SCHOOL OF THE ROYAL AIRCRAFT ESTABLISHMENT (candidates should have academic qualifications to the standard of a University Degree in Engineering, preferably Honours, and some practical engineering and teaching experience)—The Ministry of Labour and National Service, Central (Technical and Scientific) Register, Section D, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. D.700).

SENIOR DIETICIAN (WOMAN) in the Ministry of Food (candidates should possess a Pure Science degree and a Diploma in Dietetics recognized by the British Dietetic Association)—The Secretary, Central (Technical and Scientific) Register, Ministry of Labour and National Service, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. O.N.F.1425).

TEACHER OF CHEMISTRY for Junior Work in Technical Day School and Industrial and Intermediate B.Sc. classes in the Technical College, and a **TEACHER OF PHYSICS** for Junior Work in Technical Day School and Industrial and Intermediate B.Sc. classes in the Technical College—The Chief Education Officer, Education Offices, Park Road, West Hartlepool.

GRADUATE IN EITHER ENGINEERING OR PHYSICS—The Principal, Stroud and District Technical College, Kendrick Hall, Stroud, Glos.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

British Association for the Advancement of Science: Committee on Post-War University Education. Report on University Finance in Great Britain. Pp. 6. (London: British Association.) 6d. [309

British Association for the Advancement of Science: Committee on Post-War University Education. Report on Education for the Public Service. Pp. 6. (London: British Association.) 6d. [610

Other Countries

Kungl. Svenska Vetenskapsakademien Handlingar. Serien 3, Band 20, No. 3: On the Snout of Arthropods. By Erik Ason Stensjö. Pp. 32. Serien 3, Band 20, No. 4: Sur une méthode pour calculer les tremblements de terre à foyer profond à l'aide des phases d'une seule station sismographique. Par Markus Båth. Pp. 22+1 plate. Serien 3, Band 20, No. 5: Die Hydracarinafauna Sudbrasilien und Paraguays. Von A. Lundblad. Teil 3. Pp. 148+14 plates. Serien 3, Band 20, No. 6: East-Asiatic Corallimorpharia and Actinaria. By Oskar Carlgren. Pp. 43+2 plates. (Stockholm: Almqvist and Wiksell.) [219

Catalogues

Africa, Anthropology, Asia, the Arts, Autograph Letters and Illuminated MSS., Birds, Botany, Coloured Plates, Early Printing, History, Natural History, Naval, Railways, Topography, etc. (Catalogue No. 669.) Pp. 80. (London: Francis Edwards, Ltd.)