

**ROYAL COLLEGE OF SURGEONS OF ENGLAND** (at Lincoln's Inn Fields, London, W.C.2), at 5 p.m.—Dr. James Craigie: "Viruses, Self-reproducing Substances and Tumours" (Imperial Cancer Research Fund Lecture).

**ROYAL INSTITUTION** (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Dr. E. Orowan, F.R.S.: "Strength and Plasticity of Solids". (Further lectures on November 6 and 13.)

**ROYAL AERONAUTICAL SOCIETY** (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Mr. James Bain: Third British Commonwealth and Empire Lecture.

**ROYAL STATISTICAL SOCIETY, SHEFFIELD GROUP OF THE INDUSTRIAL APPLICATIONS SECTION** (in Room B.1, Department of Mechanical Engineering, The University, St. George's Square, Sheffield), at 6.30 p.m.—Mr. P. Lyle: "The Application of Regression Analysis to Industrial Problems".

**ROYAL INSTITUTE OF CHEMISTRY, MANCHESTER AND DISTRICT SECTION** (at the Engineers' Club, Albert Square, Manchester), at 7 p.m.—Mr. A. J. Curtin Cosbie: "Beer".

**PHARMACEUTICAL SOCIETY, MANCHESTER, SALFORD AND DISTRICT BRANCH** (joint meeting with the Guild of Public Pharmacists, in the Lecture Theatre, St. Mary's Hospital, Manchester), at 7.45 p.m.—Dr. R. Forgan: "British Contribution to Tropical Medicine".

### Friday, October 31

**BIOCHEMICAL SOCIETY** (at St. Thomas's Hospital Medical School, London, S.E.1), at 2.15 p.m.—Scientific Papers.

**PHYSICAL SOCIETY** (in the Physics Department, Imperial College, Imperial Institute Road, London, S.W.7), at 5 p.m.—Mr. D. G. Avery and Mr. R. Witty: "Diffusion Pumps, a Critical Discussion of Existing Theories"; Mr. J. Skrebowski: "Electron Diffraction from Anthracene, with Special Reference to the Diffuse Background".

**INSTITUTION OF MECHANICAL ENGINEERS** (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Mr. T. A. Kestell: Discussion on "The Manufacture of Turbine Blades for the Whittle Engine".

**NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS** (at the Literary and Philosophical Society, Newcastle-upon-Tyne), at 6.15 p.m.—Dr. T. W. F. Brown: "A Marine Turbine Research and Testing Station" (Andrew Laing Lecture).

**ROYAL INSTITUTION** (at 21 Albemarle Street, London, W.1), at 9 p.m.—Rt. Hon. the Earl De La Warr: "Problems Facing British Agriculture".

## APPOINTMENTS VACANT

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

**RESEARCH OFFICER** to take responsibility for and continuous charge of the execution of a project of research into social mobility and social class, under the direction of Mr. D. Caradog Jones—The Secretary, London School of Economics, Houghton Street, Aldwych, London, W.C.2 (October 30).

**LECTURER IN BIOCHEMISTRY** in University College, Dundee—The Secretary, The University, St. Andrews (October 31).

**ASSISTANT IN THE DEPARTMENT OF CHEMISTRY**—The Secretary, The University, Aberdeen (October 31).

**TEACHERS OF (a) ENGINEERING DRAWING, MATHEMATICS, ENGINEERING SCIENCE**, for Ordinary National Certificate and City and Guilds courses; (b) **ENGINEERING SUBJECTS** up to Higher National Certificate standard in Production Engineering; (c) **ENGINEERING SUBJECTS** up to Ordinary National Certificate standard in Electrical Engineering; (d) **CHEMISTRY, PHYSICS, MATHEMATICS**, up to Ordinary National Certificate standard in Metallurgy—The Principal, Wandsworth Technical Institute, Wandsworth High Street, London, S.W.18 (October 31).

**LECTURER** to teach **PHYSICS** to Intermediate and possibly B.Sc. standard, together with some **MATHEMATICS**, at the Plymouth and Devonport Technical College—The Director of Education, Cobourg Street, Plymouth (November 1).

**LECTURER IN BIOCHEMISTRY**—The Secretary, Royal (Dick) Veterinary College, Summerhall, Edinburgh 9 (November 1).

**ASSISTANT LECTURER IN PHYSICS**—The Registrar, University College of Wales, Aberystwyth (November 1).

**GRADUATE LECTURER IN MATHEMATICS AND SCIENCE**, either **CHEMISTRY** or **PHYSICS**—The Principal, Dudley and Staffordshire Technical College, Dudley (November 1).

**TEACHER** (Graduate or equivalent) of **MECHANICAL ENGINEERING SUBJECTS** up to the standard of Ordinary National Certificate—The Principal, Technical Institute, Killigrew Road, Falmouth (November 1).

**ASSISTANT MASTER** (with a good degree in Science) to teach **CHEMISTRY**, with **PHYSICS** and **MATHEMATICS** as additional subjects, at the Ashington Mining School—The Director of Education, County Hall, Newcastle-upon-Tyne 1 (November 1).

**TEACHERS** in (a) **MECHANICAL ENGINEERING**, (b) **PRODUCTION ENGINEERING**, (c) **GENERAL SCIENCE SUBJECTS**, (d) **AUTOMOBILE ENGINEERING**, at the Chance Technical College—The Chief Education Officer, 215 High Street, Smethwick (November 1).

**LECTURER IN MATHEMATICS AND SCIENCE** in the Building Department—The Principal, Guildford County Technical College, Stoke Park, Guildford (November 1).

**ASSISTANT LECTURER IN THE MINING DEPARTMENT** of the Castleford, Whitwood, Mining and Technical College—The Divisional Education Officer, 85a Carlton Street, Castleford, Yorks (November 1).

**AGRICULTURAL ECONOMISTS** and **ASSISTANT AGRICULTURAL ECONOMISTS** in the Ministry of Agriculture and Fisheries and the Department of Agriculture for Scotland—The Secretary, Civil Service Commission, 6 Burlington Gardens, London, W.1, quoting No. 2023 (November 6).

**TEACHER OF BOTANY AND ZOOLOGY** for day and evening classes—The Principal, Norwood Technical Institute, Knight's Hill, London, S.E.27 (November 8).

**HONOURS GRADUATE IN MATHEMATICS** at the South-West Essex County Technical School, Walthamstow—The Borough Education Officer, Town Hall, Forest Road, Walthamstow, London, E.17 (November 8).

**AGRICULTURAL LECTURER** to the Shropshire Education Committee—The Secretary for Education, County Buildings, Shrewsbury (November 8).

**HORTICULTURIST** in the Department of Agriculture, New Zealand Government—The Office of the High Commissioner for New Zealand, 415 Strand, London, W.C.2 (November 10).

**LECTURER IN THE DEPARTMENTS OF SOCIAL STUDIES AND EXTRAMURAL STUDIES**—The Registrar, The University, Leeds 2 (November 10).

**LECTURER IN MORAL PHILOSOPHY** in the United College, St. Andrews—The Secretary, The University, St. Andrews (November 15).

**LECTURER IN PHILOSOPHY**, and a **LECTURER IN PHYSIOLOGY**, in University College, Dundee—The Secretary, The University, St. Andrews (November 15).

**STATISTICIAN** in the General Register Office—The Secretary, Civil Service Commission, 6 Burlington Gardens, London, W.1, quoting No. 2013 (November 15).

**CHAIR OF SOCIOLOGY**, and **RESEARCH POSTS** (2), in Natal University College, Durban—The Secretary, Universities Bureau of the British Empire, 8 Park Street, London, W.1 (November 24).

**ASSISTANT IN ZOOLOGY** for Department of National Museums, Government of Ceylon—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M.N.18600 (November 24).

**LECTURER IN PHYSIOLOGY**—The Registrar, University College of South Wales, Cathays Park, Cardiff (November 29).

**MEDICAL STATISTICIAN** in the General Register Office—The Secretary, Civil Service Commission, 6 Burlington Gardens, London, W.1, quoting No. 2015 (November 29).

**PROFESSOR OF PSYCHOLOGY** and **HEAD OF THE DEPARTMENT**, and a **SENIOR LECTURER IN PHILOSOPHY**, at the Victoria University College Wellington, New Zealand—The Secretary, Universities Bureau of the British Empire, 8 Park Street, London, W.1 (Wellington, November 30).

**SENIOR PRINCIPAL SCIENTIFIC OFFICER** to take charge of the Mathematical Section, a **PRINCIPAL SCIENTIFIC OFFICER** to conduct researches on problems associated with design of structures, **SENIOR SCIENTIFIC OFFICERS** (4, one for researches on reinforced concrete and the use of structural steelwork, one for mathematical research in theory of physical problems and problems of vibration and impact, one physicist or physical chemist with experience in X-ray and crystal structures work, one to initiate micro-analytical work) in the Building Research Station of the Department of Scientific and Industrial Research—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2018 (December 1).

**PRINCIPAL SCIENTIFIC OFFICER** for Aircraft Structural Research in the Royal Aircraft Establishment, South Farnborough—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2019 (December 1).

**LECTURERS** in (a) **CHEMISTRY** to B.Sc. standard, and (b) **PHYSICS** to General Degree standard—The Clerk, Northern Polytechnic, Holloway, London, N.7.

**RESEARCH CHEMIST**—The Director of Research, Research Association of British Flour-Millers, Cereals Research Station, St. Albans.

**SCIENTIFIC ASSISTANT** (University graduate in science or agriculture)—The Director, Imperial Bureau of Animal Nutrition, Rowett Research Institute, Bucksburn, Aberdeen.

**CROP RECORDERS**—The Secretary, National Institute of Agricultural Botany, Huntingdon Road, Cambridge.

**ASSISTANT II** in Royal Ordnance Factories—The Appointments Officer, Ministry of Labour and National Service, 1-6 Tavistock Square, London, W.C.1, quoting K.P.105.

**LECTURER IN MATHEMATICS**—The Registrar, The University, Reading.

**ASSISTANT III** for analysis in certain Royal Ordnance Factories—The Appointments Officer, Ministry of Labour and National Service, 1-6 Tavistock Square, London, W.C.1, quoting K.P.106.

**GRADUATE IN PHYSICS** or **ELECTRONIC ENGINEERING** for designing and assembly of electrical recording devices for physiological and dust measurements—The Director, Pneumokoniosis Research Unit, Llandough Hospital, near Cardiff.

**AGRONOMIST** by the Directorate-General of Agriculture, Government of Iraq—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M.N.18176.

**LECTURER IN CHEMISTRY**, a **LECTURER IN MATHEMATICS**, and a **LECTURER IN PHYSICS**, in the Science Department; a **GRADUATE LECTURER IN MATHEMATICS**, and a **GRADUATE LECTURER IN MECHANICAL ENGINEERING**, in the Engineering Department—The Principal, Kingston Technical College, Kingston Hall Road, Kingston-upon-Thames, Surrey.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Brompton Hospital Reports: a Collection of Papers recently published from the Hospital. Vol. 14, 1945. Pp. vii + 176. (London: Brompton Hospital, 1947.) 10s.

Proceedings of the Royal Irish Academy. Vol. 51, Section B. No. 6: Vertical Distribution of Plankton (*Sagitta*, *Calanus* and *Metridia*) off the South Coast of Ireland. By G. P. Farran. Pp. 121-136. 1s. 6d. Nos. 7, 8, 9: Antitubercular Substances. 1: Monoalkyl Succinic Acids; 2: Dialkyl Succinic Acids; 3: Monoesters and Monoamido-Derivatives of Alkyl Succinic Acids. By Vincent C. Barry and Dermot Twomey. Pp. 137-162. 2s. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd., 1947.) [313

East African Agricultural Research Institute, Amani. Report for the Years 1942-1945. (Colonial No. 203.) Pp. 44. (London: H.M. Stationery Office, 1946.) 1s. 6d. net.