

diet is that it is absorbed without change and so provides an easily assimilable foodstuff. The list of indications for glucose therapy is lengthy, including acute infections, conditions of malnutrition and more specifically hepatic toxæmias and insulin hypoglycæmia. The gonococcus vaccines issued by Messrs. Boots Pure Drug Co., Ltd., are prepared in the Department for Venereal Diseases at St. Thomas's Hospital, London. Three types of vaccine are available—a simple emulsion of gonococci, a detoxicated vaccine, making it possible to inject with safety a considerably larger dose, and also a mixed vaccine of gonococci with streptococci, staphylococci, diphtheroids and coliform bacilli, organisms commonly found in gonorrhœa complicated by secondary infection. The organisms in all vaccines are killed by the addition of 0.5 per cent phenol. The vaccines appear to be of distinct value in the treatment of all gonococcal infections, although it may be advisable to defer their use until the acute symptoms of urethritis have subsided. The number of organisms in the vaccines ranges from 200 to 10,000 million per c.c.

Announcements

THE Council of the Institution of Civil Engineers has made the following awards: Baker Gold Medal to Ralph Freeman (London). For papers read and discussed at ordinary meetings: Telford Gold Medals to Dr. J. J. C. Bradfield (Sydney, Australia) and to Ralph Freeman (London); Webb Prize and Telford Premium to W. E. Gelson (Delhi); Indian Premium to J. D. Watson (Lahore); Telford Premium jointly to Ralph Freeman (London) and Lawrence Ennis (London); Telford Premium jointly to E. F. Law (London) and Vernon Harbord (London); Manby Premium jointly to J. F. Pain (Winchester) and Gilbert Roberts (Margate); Trevithick Premium jointly to R. W. Foxlee (London) and E. H. Greet (Iver, Bucks.). For papers published without discussion as "Selected Engineering Papers": Telford Premiums to E. F. Reid (London); jointly to F. W. H. Stileman (Weybridge, Surrey) and J. S. Young (Perth, Australia); to E. H. Bateman (Birmingham); to A. C. Gardner (Glasgow); to W. G. Morrison (London); to B. C. Hammond (Worcester); Crampton Prize to G. M. T. Rees (Gerrards Cross, Bucks.). The Charles Hawksley Prize has been awarded to H. G. Cousins (London) and the Coopers Hill War Memorial Prize to F. V. Appleby (Brighton).

THE Carnegie Institution of Washington, Washington, D.C., has issued its annual catalogue of publications (pp. xlv + 131). A few copies of each publication are reserved for sale at prices below printing cost, and price lists or classified lists may be obtained upon request.

THE National Council of Social Service would be very grateful for gifts of second-hand microscopes and telescopes. There are four training centres at which selected unemployed men are instructed in subjects which can be carried on in the Clubs to which they belong. There is a strong desire for instruction in scientific subjects and there are no funds wherewith to buy the instruments. Gifts

should be sent to the Secretary, National Council of Social Service, 26 Bedford Square, W.C.1.

A SERIES of 'class' catalogues of the books in the Library, including the Departmental Libraries, of the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1, is in course of preparation, the first of which has just been issued. This contains the books in Class B (Natural Science). University theses are included, but not periodical publications and pamphlets. The works are classified under subject headings which in many cases are duplicated, and are arranged chronologically by date of publication. The entries are abbreviated to the barest essentials, and an alphabetical index to the subjects represented in Class B is appended. The work will be sent gratis upon request to the Librarian.

MESSRS. HUTCHINSON'S Technical and Scientific Book Co. are publishing a new "Technical and Scientific Encyclopædia" under the editorship of Messrs. C. F. Tweney and I. P. Shirshov. It is being issued in about forty weekly parts (1s. 6d. a part); and Part I, which has just appeared, contains 48 double-column pages. The type is small but clear, the headings stand out plainly, and many of the short descriptive articles are accompanied by useful diagrams. It is proposed to cover the whole field of science as it is applied in industry. The editors have secured the services of a very competent panel of contributors, each of whom deals with his own particular subject. A list of standard books and papers on each subject is promised in the concluding parts.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:—An instructor in the Department of Mechanical Engineering, Leeds College of Technology—The Director of Education, Education Offices, Leeds (Oct. 15). An executive engineer in the United Provinces Service of Engineers (Irrigation (Hydroelectric) Branch)—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (Oct. 20). A lecturer in veterinary hygiene at the East Anglian Institute of Agriculture, Chelmsford—The Clerk of the Council, County Hall, Chelmsford (Oct. 24). A principal and head master of the Gravesend Technical Institute and Junior Technical School—Mr. W. A. Clench, Bank Chambers, Windmill Street, Gravesend (Oct. 27). A lecturer in biology at the Warrington Training College, Wavertree, Liverpool, 16—The Principal. An assistant conservator of the museum of the Royal College of Surgeons of England, Lincoln's Inn Fields, W.C.2—The Secretary (Nov. 8). Research workers to take charge of nutritional research under the Indian Research Fund Association at Coonoor—The High Commissioner for India, India House, Aldwych, London, W.C.2 (Nov. 30). A water and drainage engineer for the Simla Municipality—The Secretary, Municipality, Simla, India (Dec. 10). An assistant for work in connexion with research in aeronautic instruments in the Directorate of Scientific Research, Air Ministry—The Chief Superintendent, Royal Aircraft Establishment, South Farnborough, Hants.