

300 a year for three years); Group II, for works apprentices who have obtained the Ordinary National Certificate in a textile or equivalent subject (£225-300 a year for four years); and Group III for secondary school leavers possessing the Higher School Certificate or equivalent qualification (£200-250 a year for three years). The courses to be followed will be in textile engineering, or mechanical engineering, or textile technology, or economics. A small number of scholarships (Group IV, £300-350 a year for three years) will also be offered to honours graduates in science or engineering in order to attract suitable workers into the textile machinery industry or the textile industry. The Trustees are also empowered to award one or more research fellowships which will enable a selected candidate from any of the groups I to IV to continue in advanced study and research for a further period of two, three or four years, with grants of £400-550 a year.

During the first year of the scheme the following awards will be offered: five in Group I; three in Group II; two in Group III; one in Group IV. In succeeding years further awards will be offered of which due notice will be given. In deciding on the scale of assistance to be given under the scheme, the directors of Textile Machinery Makers, Ltd., have been guided by two main considerations: (1) compensation for the sacrifice of freedom to engage in remunerative occupation; and (2) the desirability of enabling all scholars to play a full part in the social, athletic and other extra-curricular activities of university life. All undergraduate scholars will be required to live in one of the university halls of residence, provided there is accommodation available. The award of scholarships in Groups I and II is restricted to candidates nominated by the constituent companies of Textile Machinery Makers, Ltd. The scheme will come into operation for the university session commencing October 1945, and applications addressed to S. H. L. Greaves, Textile Machinery Makers, Ltd., 60 Huddersfield Road, Oldham, were to be submitted not later than June 23, 1945.

National Certificates in Applied Physics

THE announcement by the Ministry of Education of a scheme for the award of Ordinary and Higher National Certificates in Applied Physics brings to fruition one of the recommendations made in the Institute of Physics report on Education and Training issued in 1943. Students may obtain further particulars of the courses from their local technical colleges or local director of education. With a rapid growth of physics in industry and in the different Government services, it has been found that the existing courses in branches of engineering, in chemistry and so on do not singly provide the combination of knowledge required by juniors in some branches of work which depend on the advances of science, such as, for example, the physical testing of materials and the maintenance and use of instruments for the measurement and control of different processes.

The three-year part-time course for the Ordinary National Certificate in Applied Physics must include mathematics, physics and chemistry, and in the first year a special course (not the orthodox engineering one) in workshop practice and drawing. The physics in the course is to be treated realistically and the principles are whenever possible to be illustrated by practical examples drawn from the industries in which the

students are working. The course in applied physics in the final year is to be related to the local industries. Although English is not included formally as a subject in the course, it is a part of the scheme that at all stages and in all classes attention is to be paid to its correct use. It is hoped in this way to help to train students to present written statements which are clear and concise, when in the course of their employment they are required to report on their work. The course for the Higher National Certificate must be a two-year part-time one, and must aim at reaching a standard in the several branches of physics corresponding to that required for a degree in the subject at pass standard. It will include mathematics and a special subject related to the student's daily work in local industry.

Royal Asiatic Society of Bengal

AT the annual meeting of the Royal Asiatic Society of Bengal, the following medals and prize were awarded: Joy Gobind Law Memorial Medal, to Rai Bahadur Dr. S. L. Hora, director of fisheries, Bengal, in recognition of his conspicuously important contributions to our knowledge of the ichthyology of Asia; Paul Johannes Bruhl Memorial Medal, to Dr. N. L. Bor, formerly forest botanist, Imperial Forest Research Institute, Dehra Dun, for his important original research in the Gramineae and the ecology of Indian plants; Dr. Bimala Churn Law Gold Medal, to Dr. D. R. Bhandarkar, formerly Carmichael professor of ancient Indian history and culture, University of Calcutta, for his important contributions to ancient Indian history and archaeology; Sarat Chandra Roy Memorial Medal, to Dr. Verrier Elwin, of the Bhumiyan Seva Mandel, Patangarh, C.P., for his meritorious and many-sided contributions to the study of cultural anthropology of India; Elliott Prize for Scientific Research for 1944, to Dr. S. K. Chakrabarty, of the University College of Science and Technology, Calcutta (the Prize for 1944 was for mathematics).

The following officers were elected: *President*, Dr. Meghnad Saha; *General Secretary*, Dr. Kalidas Nag; *Treasurer*, K. P. Khaitan; *Philological Secretary*, Dr. Nalinaksha Dutt; *Joint Philological Secretary*, Dr. Mohammad Ishaque; *Natural History Secretaries*, Dr. S. L. Hora (Biology), Dr. K. N. Bagchi (Physical Science); *Anthropological Secretary*, Rev. W. G. Griffiths; *Historical and Archaeological Secretary*, Dr. B. C. Law; *Medical Secretary*, Dr. Indubhusan Basu; *Library Secretary*, Dr. Nalinaksha Dutt.

International Commission on Zoological Nomenclature

THE International Commission on Zoological Nomenclature announces its intention of publishing at an early date a revised and up-to-date edition (1) of the "International Code of Zoological Nomenclature" and (2) of the "Official List of Generic Names in Zoology". The last edition of the English text of "The International Code of Zoological Nomenclature" was published some years before the War and is now out of date for various reasons, including the adoption by the International Congress of Zoology of changes in some of the Articles in the International Code. The revised edition will consist of the substantive French text (on left-hand pages) and the English translation (on right-hand pages). The volume, which will be fully indexed, will also