

essentially of the same type in all biological systems, from bacteria to man. The working substances of these elemental biological processes at the molecular level are proteins and nucleic acids. The phenomenon of life is concerned with the organization and structural complementarities of these biomolecules.

The book under review provides a comprehensive introduction to molecular biophysics. It deals principally with the structures and functions of proteins and nucleic acids. The text includes chapters on biological molecules, physics of macromolecules, the physics of proteins and nucleic acids, protein synthesis, biological specificity and structure of molecules, mechanochemical processes, and molecular biophysics and quantum mechanics.

The book contains descriptive sections as well as sections devoted to rigorous mathematical treatment of concerned problems. It will serve as a suitable text-book on molecular biology for advanced students and to research workers taking to this field of investigation.

A. S. G.

ANNOUNCEMENTS

Lady Tata Memorial Trust

Scholarships of Rs. 500 each per month and of Rs. 300 each per month, tenable for one year in the first instance, in India only, are offered to Indian Nationals. The Rs. 500 awards are open to post-graduate or graduate applicants with degree in Medicine, of a recognised University. Rs. 300 awards are open also to those who hold a Master's degree in Science or who have graduated with distinction from a recognised University. The subject of investigation must have a bearing on the alleviation of human suffering from disease.

The last date for receiving the applications is 31st March 1971.

For further particulars apply immediately to the General Secretary, Lady Tata Memorial Trust, Bombay House, 24, Bruce Street, Fort, Bombay 1-BR.

Award of Research Degrees

Andhra University has awarded the Ph.D. degree in Geology to Shri Y. J. Pardhasaradhi.

M.S. University of Baroda has awarded the Ph.D. degree in Biochemistry to Shri K. V.

Thrivikraman; Ph.D. degree in Geology to Shri Bhagirathkumar Balalshanker Jambusaria.

Osmania University, Hyderabad, has awarded the Ph.D. degree in Physics to Kumari Shanthalakshmi, A. and Kumari Leela Iyengar.

Sri Venkateswara University, Tirupati, has awarded the Ph.D. degree in Zoology to Shri N. Bojji Reddy.

Books Received

Ultrastructure of Bacterial Viruses. By A. S. Tikhonenko. (Plenum Publishing Corporation, New York 10011), 1970. Pp. x + 294. Price \$ 19.50.

Biochemistry of Antibodies. By R. S. Nezlin. (Plenum Publishing Corporation, New York 10011), 1970. Pp. xiii + 381. Price \$ 25.00.

General Chemistry. By A. L. Williams, H. D. Embree and H. J. Debbey. (Addison-Wesley Publishing Co., Inc., London W. 1, England), 1970. Pp. xii + 369. Price 84 sh.

A First Course in Rings and Ideals. By D. M. Burton. (Addison-Wesley Publishing Co., Inc., London W. 1, England), 1970. Pp. viii + 309. Price 98 sh.

Annual Review of Biochemistry, Vol. 39. (Annual Reviews, Inc., 4139, El Caminoway, Palo Alto, California), 1970. Pp. vii + 1136. Price U.S.A. \$ 13.00; Foreign \$ 13.50.

Atmospheric Optics. Edited by Nikolai B. Divari. (Plenum Publishing Corporation, New York 10011), 1970. Pp. vi + 178. Price \$ 27.50.

Physics Without Einstein. By Harold Aspden. (Sabberton Publications, P.O. Box 35, Southampton, England), 1969. Pp. x + 224. Price not given.

The Development and Organization of Scientific Knowledge. By Harold Himsforth. (William Heinemann Ltd., London), 1969. Pp. viii + 180. Price 63 sh.

Fields and Waves in Communication Electronics. By S. Ramo, J. R. Whinnery and T. V. Duzer. (Wiley Eastern Private Ltd., J-41, South Extension, New Delhi-49), 1970. Pp. xvi + 754. Price Rs. 22.50.

Free Nitroxyl Radicals. By E. G. Rozantse. (Translated from Russian by B. J. Hazzard; Edited by H. Ulrich.) (Plenum Publishing Corporation, 227, West 17th Street, New York, N.Y. 10011), 1970. Pp. xiv + 249. Price \$ 19.50.