

BOOK REVIEW

Biochemistry : S. P. Datta and J. H. Ottaway. Bailliere Tindall and Cassell, London 1965 Pages 379, Price 21 s.

The concise medical text-books are planned to meet the needs of the student for concise and readable books providing him with the essentials of the subject he is studying.

This text-book has been well designed for the use of medical students. The material has been arranged in clear and logical manner. It offers much needed information in bio-chemistry for students of biological sciences. Special attention has been given to the fundamentals. The topics on bio-physical chemistry have been dealt to the extent, they are needed in the medical studies. One of the specialities of this book is that the last chapter gives modern techniques used in bio chemical analysis. It gives in clear and concise manner the catabolism as well as anabolism of various biochemicals and metabolites giving the schemes. Structures of haematin compounds have been dealt in the simplified manner. Metabolic imbalances in ketosis have been nicely described. Transmethylation, acid-base balance and inborn errors of metabolism have been given in clear and concise manner. At the end of the chapters on lipids, proteins and bile pigments, their qualitative tests have been given.

This well illustrated text book is intended for medical students and covers the topics on bio-chemistry, prescribed in various Indian universities, for medical students.

M. L. GUPTA & S. D. BHARDWAJ.

Manual of Experimental Electrophysiology : I. C. Whitfield, Director, Neurocommunications Research Unit in the University of Birmingham, Pergamon Press Ltd , Headington Hill Hall, Oxford, 1964 Pages 137, Price 40 s.

This manual is an asset to any biologist interested in the study of the electrical activity of the nervous system. This book provides comprehensive practical background to an understanding of it, and also a foundation for those who wish to make such studies themselves. The experiments designed in this book are of general nature to illustrate principle and can be carried out with such electronic equipment as is now commercially available or with simple "home-made" equipment described in the text itself. Each chapter is divided into two parts, the first containing the description of the experimental procedures and the second the details of the equipment required. The explanatory material appearing between the experimental descriptions will also prove very useful to the graduate and undergraduate students pursuing courses in electrophysiology even with limited background of physics.

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