

bearing on the text but do on the law of drugs in states or other connection; more than five pages are given to a glossary. The discussion of Boards of Pharmacy is helpful, that of U. S. Pharmacopœia and National Formulary might have been more extended; however, these standards have the support of the Government and the Pharmaceutical organizations.

An Outline and Manual for Teachers and Students on the Law and Druggists by HOMER C. WASHBURN covers more than 100 pages and a pocket is provided for them in the book. This section deals with all phases of law and their pharmaceutical applications and the page numbers provide a ready means and direction for study.—E. G. EBERLE

*Pathogenic Microorganisms*, by WILLIAM HALLOCK PARK and ARMA WESSELS WILLIAMS. 11th ed., 1056 pages, 5<sup>3</sup>/<sub>4</sub> x 9<sup>1</sup>/<sub>4</sub>. Philadelphia: Lea & Febiger, 1939. Price, \$8.00.

This is the eleventh edition of this well-known work on bacteriology. Part I of the book deals with the general principles of bacteriology, such as classification and general characteristics of microorganisms, particularly metabolism and variability. Part II deals with practical methods of cultivation and examination of bacteria, the handling of specimens and the use of test animals. Part III treats of infection and immunity. Part IV is devoted to pathogenic microorganisms which are taken up according to their taxonomic classification. Parts V, VI and VII deal with the filterable viruses, bacteriophage, pathogenic yeasts and molds and the pathogenic protozoa. The final chapter is devoted to the applications of microbiology in the bacteriological examination of water, milk, shellfish, soil and in disinfection and sterilization.—A. G. D.

*Industrial Dermatoses*. 174 pages, 6<sup>7</sup>/<sub>8</sub> x 10, paper. Chicago: American Medical Association, 1930. Price, \$1.00.

This book is a compilation of symposia of diseases of the skin traceable to industrial causes. It treats of diseases contracted by workers in abattoirs, in the leather, oil refining, chemical, photographic and other industries. Of particular interest at this time is the article devoted to diseases contracted in the manufacture of war gases. The book should be of interest and value to the pharmaceutical and chemical manufacturers.—A. G. D.

*Fundamentals of Biochemistry*, by T. R. PARSONS. 6th ed., xii + 461 pages, 4<sup>7</sup>/<sub>8</sub> x 7<sup>1</sup>/<sub>4</sub>. Baltimore: William Wood & Co., 1939. Price, \$3.00.

The book presents in a continuous manner the study of biochemistry. Its reading does not require any great amount of chemical knowledge. The uses of proteins, purines and the amino acids are discussed. Fats, sterols, carbohydrates, enzymes, pigments and respiratory gases are considered, also osmotic pressure, electrolytes and colloids. At the end of each chapter is a short bibliography of important references. It is believed that the book will be found to be of value to pharmacists who desire to refresh their memories on the subject of biochemistry.—A. G. D.

*Textbook of Physiology*, by WM. D. ZOETHOUT and W. W. TUTTLE. 7th ed., 743 pages, 6 x 9. St. Louis: C. V. Mosby, 1940. Price, \$4.50.

The seventh edition of this well-known textbook differs from the preceding one chiefly in that it contains new material and additional illustrations. It is designed primarily for use in schools of dentistry and pharmacy and normal schools where a book which is not too voluminous is desired.—A. G. D.

*Physical Organic Chemistry*, by LOUIS P. HAMMETT. x + 404 pages, 5<sup>1</sup>/<sub>2</sub> x 8. New York: McGraw-Hill, 1940. Price, \$4.00.

This book is devoted to a discussion of the application of the methods of physical chemistry to the study of organic chemical reactions. The subjects discussed are the structural chemistry of electrolytes and nonelectrolytes, equilibrium and reaction energies, rates, mechanism and entropy, the displacement reaction and its stereochemistry, quantitative study of acids and bases, enolization, carbonium-ion, carbonyl-addition, and atom and radical reactions.—A. G. D.

*Handbook of Chemistry and Physics*, Ed. by CHARLES D. HODGMAN. 23rd ed., 2221 pages, 4<sup>3</sup>/<sub>4</sub> x 7. Cleveland: Chemical Rubber Publ. Co., 1939. Price, \$3.50.

This book is so well known to workers engaged in the chemical and allied industries that it does not require reviewing. Suffice it to say that the present edition is larger and more comprehensive than the preceding one. Among the new tables which it contains, the following are particularly worthy of mention: table index of melting points of organic compounds, table index of boiling points, table of potentials of electrochemical reactions, tables showing free energy of formation of certain chemical substances and a ratio table for bridge calculations.—A. G. D.