

Part I is descriptive and divided into 14 chapters; the latter includes general remarks on pharmaceutical products and imparts a knowledge of the medicaments considered and of the relationship that exists between their chemical constitution and their physiological action.

Part II is concerned with the practical application of the knowledge in the manufacture of the chemicals—that of guaiacol; phenacetine by three methods; acetylsalicylic acid from salicylic acid; diethylbarbituric acid from ethyl malonate; preparation of the mercurials, arsenicals, alkaloids, glucosides, etc., etc.

The book is of practical value to all who have a scientific interest in drugs, whether as teachers, students, manufacturers or pharmacists.

*Addresses on the Occasion of the Centenary Celebration of the Founding of the Franklin Institute and the Inauguration Exercises of the Bartol Research Foundation*, September 17-19, 1924.—*Practical Results of Theoretical Development of Chemistry*, by Professor F. Haber; *Recent Progress in the Science of Aeronautics*, by Joseph S. Ames; *Military Aircraft and Their Use in Warfare*, by Major General Mason M. Patrick; *Spectroscopy in the Past and in the Future*, by Professor Charles Fabry; *The Steam Turbine—As a Study in Applied Physics*, by Sir Charles A. Parsons; *Lightning*, by F. W. Peek, Jr.; *The Influence of J. Willard Gibbs on the Science of Physical Chemistry*, by F. G. Donnan; *The Carbon Atom in Crystalline Structure*, by Sir William Henry Bragg; *The Fifth Estate*, by Arthur D. Little; *The Natural and Artificial Disintegration of the Elements*, by Professor Sir Ernest Rutherford.

*Digest of Comments on the Pharmacopœia of the United States of America and on the National Formulary for the calendar year ending December 31, 1921*. By A. G. DuMez. Government Printing Office, Washington, D. C., 1924. Treasury Department United States Public Health Service. Hygienic Laboratory—Bulletin No. 137.

Comments on each issue of this valuable publication have been made in these columns, and what has been said previously applies to this bulletin. The appreciation expressed by the National Drug Trade Conference, about a year ago, evidences the value of this work, and the same views are on record in the PROCEEDINGS of the AMERICAN PHARMACEUTICAL ASSOCIATION and of its Executive Committee. Resolutions

by both of these organizations are printed on page 80 of the January JOURNAL of 1924. Pharmacists are indebted to Dr. A. G. DuMez, the editor and compiler of this and prior editions of the *Digest*.

*Elementos de Farmacia Practica*. By Dr. Ignacio G. Noble, Secretary of the National Pharmaceutical Association of Cuba, Vice-President of the Section on Pharmacy and Therapeutics of the 6th Medical Congress of Latin America, member of the AMERICAN PHARMACEUTICAL ASSOCIATION, etc., etc. Doce esquiné á 21, Vedado, Habana, Cuba.

Dr. Noble has rendered a distinct service in the preparation of this volume for the pharmacists of Cuba and other Spanish-speaking countries. The author follows the lines of other pharmaceutical textbooks, first outlining medicine and pharmacy in its several divisions. Following these introductory statements, the various pharmaceutical processes are described. Solutions and solubilities are considered, the solvents, the effect of solutions, variations in solubility, and then follows a study of official processes in which the theories expounded are applied. The study of solutions is followed by methods of comminution and extraction. The means of providing heat, its measurement and application in pharmaceutical preparations, are next given attention, followed by a number of pages on metrology and arithmetic applied to pharmacy.

A chapter deals with pharmacopœias and the Brussels Conference, the strength of potent remedies in several pharmacopœias. The next chapter deals with pharmaceutical formulas, their preparation and compounding of prescriptions; other chapters are devoted to incompatibilities, newer remedies, doses, prescription writing, synonyms, ethics of the profession, antidotes, household remedies, etc.

The editor of the publication is M. Martin, Havana, Cuba. Doubtless the book has found many patrons among the pharmacists of Cuba and in other countries where Spanish is the official language.

Editor R. E. Dyer of *Practical Druggist* was tendered a luncheon by Romaine Pierson, the publisher, May 28. Dr. Geo. C. Diekman presided as toastmaster. The celebration commemorated twenty-three years of service as editor.

Prepare to attend the Des Moines Meeting, A. P. A., week of August 24.