

is that on "Adjusted Solutions" in which is considered the needs and methods for adjusting ampul solutions for reaction and isotonicity, of collyria for isotonic conditions, and of colloidal solutions for stability.

More than 650 prescriptions are now included as directly illustrative of the principles discussed in the text, and more than 350 additional typify State Board examinations. Many of the additional prescriptions are types of recent prescription practice. It is not necessary to go into the details of the chapters as both the author and his work are well and favorably known to pharmacists everywhere and it is sufficient to call their attention to the recently revised edition. The book speaks well for the publishers.

*Introduction to the 6th Edition of the German Pharmacopœia.* Prepared by members of the Committee on Public Health. Verlag Chemie, G.m.b.H., Berlin, W. 10. 208 pp. Price M4.

The revision of the German Pharmacopœia has provided the opportunity for further research work and for acquainting the users with the German Standard. The greater part with this information is included in the excellent volume under review and reprinted from the *Archiv der Pharmazie* and *Berichte der Deutschen Pharmazeutischen Gesellschaft*, published by the German Pharmaceutical Society.

While the work is somewhat comparable to the "Digest of Comments on U. S. Pharmacopœia and National Formulary," it presents the researches, investigations and reports of the compilers; thus Th. Paul, R. Dietzel and C. Wagner discuss the general principles underlying the new tests for Chemicals, with volumetric analysis, lead and arsenic limits, gravimetric assays, determination of boiling points, testing of thermometers, of glassware, ampuls, etc. J. Gadamer and E. Neuhoff report on alkaloidal content of official drugs and galenicals. H. Beckurts reports on tests for fats, oils, waxes, resins, etc. H. Thoms and F. Unger deal with essential oils, camphor, eucalyptol, thymol, etc., and standards for strophanthus, cantharides, etc. F. Stadlmayr reports on other tests; W. Brandt on the drugs of the Pharmacopœia; C. Schnabel on the galenical preparations; E. Rost on pharmacological assays; L. Haendel on seras and tuberculin and salvarsan preparations.

Improvements in chemical assays have been made and the fact that the reports have been compiled in book form will be welcomed because of their value for laboratory workers

and other pharmacists. The price of the book is remarkably low, even though paper bound.

*Formulae Magistrales Germanicae*, compiled by Prof. Dr. L. Lewin, 2nd edition; price M3.50. The book of formulas, with index, of 128 pages is published by the German Apothecaries' Society, Berlin, N. W. 87, Levetzoostr. 16 B. With the book there is enclosed a dose table of the more commonly used galenicals and medicinal chemicals.

The first ten pages are devoted to the use and dosage of remedial agents. The formulas are grouped; the first of these include nervines, narcotics and anodynes for internal and external use; the second class comprises chiefly excitants and stimulants; the third is chiefly composed of alteratives; those of the fourth group are indicated in fevers, for malarial conditions, etc. The fifth class is largely made up of antiseptics and disinfectants; the sixth of emmenagogues, hemostyptics, etc. The seventh group includes cardiacs, diuretics, saline solutions for intravenous, rectal and subcutaneous injections. Four formulas comprise the diaphoretics; another group includes expectorants, cough remedies and anti-asthmatics; the emetics are six in number; the next class is made up of remedies for tapeworms, intestinal worms, anti-parasites, etc. The twelfth group comprises cathartics and laxatives; the following class is made up of stomachics and remedies for hepatic complaints; the next class comprises preparations containing astringents; the group following is largely made up of ointments and lotions employed in the treatment of skin diseases; the last six formulas are for demulcents.

Care has been exercised in the selection of the formulas and, doubtless, quite a number of them will prove of value at the dispensing counter of American pharmacies.

*The Achema Year Book* was published as a guide to the Exposition in Essen, Germany, June 7-19, of this year. The exhibits were chiefly of apparatus used in chemical manufacturing. The volume is divided into four parts—A, is general; B treats of scientific installation of apparatus; C, of the industrial and technical features, and D is more or less of a directory. The book contains much advertising related to apparatus; there is contained, however, valuable information, especially for manufacturers in the chemical industries. The price of the book is M10.