

BLOXAM'S CHEMISTRY: Inorganic and Organic, with Experiments. 9th Edition, rewritten and revised by JOHN MILLAR THOMSEN, LL.D., F.R.S., Professor of Chemistry, King's College, and ARTHUR G. BLOXAM, F.I.C., Consulting Chemist and Chartered Patent Agent. Philadelphia: P. Blakiston's Son and Co. 1903. Price, \$6.00.

All persons familiar with the earlier editions of this work will be delighted to renew acquaintance with an old friend in this revised form. It is refreshing to observe its mass of most interesting facts—real chemical information—such as the student truly needs to thoroughly comprehend, in his subsequent studies, the theoretical problems which may confront him. Due attention has been given the latest theoretical views and the basal principles of physical chemistry. They have not, however, been developed to the exclusion of all else. Some alterations have been made in the order of treatment of the non-metallic elements. Carbon now holds place after the three other typical elements—hydrogen, oxygen and nitrogen. Many of the old illustrations have also disappeared from the work. There is no division in the treatment of the fatty and aromatic bodies in the portion devoted to organic chemistry. The work is up to date. It cannot fail of a favorable reception, and will surely win new friends, which it deserves.

F. F. S.

PHYSICAL CHEMISTRY IN THE SERVICE OF THE SCIENCES. BY JACOBUS H. VAN'T HOFF, Professor Ordinarius of the University of Berlin, Special Lecturer on Physical Chemistry. English version by ALEXANDER SMITH, of the Department of Chemistry in the University of Chicago. The Decennial Publications of the University of Chicago, Second Series, Vol. XVIII. 150 pp. Cloth, royal 8vo; net, \$1.50; postpaid, \$1.60. Chicago: The University of Chicago Press.

The eight lectures presented in this little volume have already appeared in German and been noted in this Journal, **24**, 1217 (1902). The volume before us, one of the decennial publications of the University of Chicago, is an unusually elegant one, which makes a strong appeal to the book lover as well as the chemist. From the fact, probably, that the lectures were originally given in English, this version reads more smoothly than does the German, and the former possesses a charm which one does not find in the latter.

FRANK K. CAMERON.