

(Extract from Dalhousie College Calendar.)

Faculty of Medicine.

THE PRESIDENT, (*ex officio*).

Professor: LAWSON.

Examiners: SOMERS,

SINCLAIR,

LINDSAY,

CAMPBELL.

Secretary of the Faculty: DR. LINDSAY.

§ XXXIV.—COURSES OF INSTRUCTION.—1. Instruction is provided by the University in the following subjects of the Medical Curriculum:

I. CHEMISTRY.

Professor.....GEORGE LAWSON, PH. D., LL. D.

Daily Lectures, 11 A. M.—12 M.

With experimental demonstrations.

Part I. INORGANIC.—Objects and nature of the Science. General Principles: Chemical Affinity; Laws of Combination, by weight, by volume. The Elements. Equivalent and Atomic Numbers; Atomicity. Nomenclature; Notation; Formulae; Equations. The Non-Metallic Elements and their compounds considered in detail. The Atmosphere. Water. Methods of Water Analysis. Mineral Waters. Combustion; Respiration. Anhydrides. Acids. Manufactures of Chlorine compounds, Acids, Ammonia, &c.

The Metals: their physical and chemical characters; Classification, &c.; Salts; Bases; Acids; Radicals. The Metals and their compounds considered in detail. The Metals of the Alkalies, and the Alkali manufactures. Classification and Separation of Bases. The Alkaline Earth Metals and their compounds. Magnesium Salts; Aluminium and the Earth Metals. Constitution of Silicates. Iron, its salts, and other compounds. Reduction of Iron Ores. In discussing the Metals, special attention is given to the Salts and other compounds of Mercury, Antimony, Arsenic, Bismuth, Silver, Copper, Lead, Tin, and the methods of testing for metallic poisons, their detection in organic mixtures and tissues, and their quantitative analysis.

Part II. ORGANIC.—Theory of Organic Compounds, founded on Marsh Gas as a starting point. Functions of Organic Compounds. Principles of Classification. Saturated Hydrocarbons; Homologous Series. Monatomic Alcohols and their derivatives; Methyl Alcohol; Chloroform. Ethyl Alcohol; Ether; Nitrous Ether; Nitric Ether. Series of Saturated Hydrocarbons of Alcohols. Amines. Volatile Fatty Acids. Compound Ethers. Aldehyde. Chloral. Polyatomic