tions in the papers on Chemistry, and partly by requiring the candidate to produce specimens of his preparations properly certified to be his own work.

- (C) Analytical and Physical Chemistry, including:
- 1. Qualitative Analysis of the common acids and bases.
  Candidates may be tested by Candidates may be tested by a practical laboratory ination and by questions in the common acids and practical laboratory ination and by questions in the Chemistry papers.
- 2. Quantitative Analysis. The estimation of the following elements in their common account of the following subelements in their common compounds:—Chlorine phur, Phosphorus, Carbon (in carbonates), Silicon, Copper, Calcium, Magnesium Copper, Calcium, Magnesium, Lead, Iron; Carbon be Hydrogen in organic company Hydrogen in organic compounds. Candidates may by tested by a practical exercise in the laboratory and by question in the Chemistry pages. question in the Chemistry papers.
- 3. Physical Chemistry, as in Talbot and Blanchard's trolytic Dissociation Theory! trolytic Dissociation Theory' and "Walker's Introduc-tion to Physical Chemistres" tion to Physical Chemistry."
- (D) Outlines of History of Chemistry, as in Tilden's Historical History of Scientific Chemistry," Thorpe's "Essays in Historical Chemistry" and "Justin von Liebio" and "Essays in the Century Street Chemistry' and "Justin von Liebig' and "John Dalton" in the Century Science Series.

BIOLOGY.

- (A) Botany as in Principles of Botany and Laboratory of Manual by Bergen and Davis Field Manual by Bergen and Davis. A practical knowledge At the system of classification and the way of accurate the system of classification and the way of the system of the syst the system of classification and the use of manuals, as Gray's pter acquaintance with (a) the common of manuals, as Gray's order dephase. acquaintance with (a) the common Spermatophytes and Thousand Thous dophytes of Nova Scotia, and (b) type species of native Byrophytes and Thallophytes representing the manuals, as and plates and Thallophytes representing the manuals, as and plates and Thallophytes representing the manuals, as and plates and Thallophytes and Thallophytes representing the manuals, as and plates and pla and Thallophytes representing the more common classes of one the hundred species of, and examination of the hundred species of the hundre The exhibition of, and examination upon, a collection by hundred species correctly determined hundred species correctly determined and well mounted micros copic slides) also mounted and determined (counting copic slides) also mounted and determined (counting copic slides)
- (B) Zoölogy as in Zoölogy Descriptive and Practical by the and Hand-Book of Instructions of In ton, and Hand-Book of Instructions for Collectors issued by of British Museum (Natural History). A practical knowledge the system of classification and the practical as Jordan of An acquainterms. the system of classification and the use of manuals, as Jordan's An acquaintance with (a) the more An acquaintance with (a) the more common vertebrate fallogs or orders of the common vertebrate fallogs of the common classes. Nova Scotia, and (b) typical species of the more common least or orders of the native invertebrates or orders of the native invertebrates. The exhibition of at least copie specimens under (a), and at least copie specimens under (a) and at least copie specimens under (b) typical specimens of the more common classification of the more common classification of the copie specimens under (a). fifty specimens under (a), and at least fifty microscopic or meaning mounted copic specimens under (a), and at least fifty microscopic or many mounted or prepared.