- 4. How would you treat alveolar abscess?
  - 1st. When no fistulous opening exists.

- 2nd. When such an opening has been found.
- 5. Name the materials used in filling teeth. State the conditions when each may be used, and why, and describe the essential points in the preparation of a cavity and in filling for a successful preservation of the tooth.

Dental Pathology and Therapeutics.—J. B. Willmott, D.D.S., M.D.S., Examiner.

- 1. From what several causes may we have odontalgia? Give the diagnosis in each case.
- 2. In the case of a Dental Pulp exposed by caries when would you consider the prognosis favourable for the operation of capping?
- 3. Explain *when* and *how* a "cold" may be an exciting case of odontalgia.
- 4. Give the history of alveolar Abscess.
- 5. Give the source, general properties, preparations, therapeutical action and legitimate use in dental practice of Zinc Chloride, Iodine, Tannic Acid, Creasote.

Chemistry.-C. P. Lennox, L.D.S., Examiner.

- 1. Explain the terms "Quantivalence," "Acidulous Radicle," " Reagent,' " Hydrate," " Anhydride."
- 2. Write formulaes representing the several mineral constituents of the teeth and state the sources whence they are obtained.
- 3. Give the offices of a chemical symbol, also those of a chemical formulae.
- 4. Describe the process of the manufacture of Ammonium Nitrate; give an equation shewing the reaction, and state how many pounds of Nitrous oxide will be formed by the decomposition of 50 lbs. Ammonium Nitrate.
- 5. Describe the element potassium—the principal source—manner of isolation from its compounds. State how the following salts may be prepared and give equations and formulas, viz :— Potassium Hydrate, Potassium Bicarbonate, Potassium Iodide.