

DOMINION DENTAL JOURNAL.

FINAL CLASS.

- 1—(a) Enumerate the different varieties of tumors affecting the upper jaw. (b) State in general terms their treatment.
- 2—What, in your opinion, is the most effective means of arresting hemorrhage following the extraction of a tooth?
- 3—How would you proceed to examine a patient as to his fitness to have an anæsthetic administered?
- 4—(a) What is the cause of the extreme pain in Ostitis? (b) How most effectively relieved?
- 5—How would you treat a case of Chronic Fistula opening on the cheek as the result of Alveolar Abscess, the object being to prevent contraction and depression of the Cicatrix?
- 6—Treat a case of Acute Periosteal Inflammation with threatened abscess, the roots of the tooth exciting the inflammation being filled.

CHEMISTRY.

1889. Time—Two hours.

Dr. Chittenden

PRIMARY CLASS.

- 1—Give the colors of a ray of light as shown by its prism.
- 2—What do you understand by its terminations *ide*, *etc*, *etc*, *ous* and *ic*?
- 3—What is meant by the following terms, viz.:—Sublimation, Analysis, Affinity, Synthesis, Crystalization and Evaporation?
- 4—Give the symbols and quantivalence of gold, iron, platinum, silver, sodium, and copper.
- 5—Give the symbols and combining weights of mercury, lead, iodine, copper, arsenic and calcium.

FINAL CLASS.

- 1—Give the formula and method of preparing Hydrogen Dioxide.
- 2—Describe a method of detecting arsenic in a solution
- 3—Describe *the* process of obtaining silver from a solution.
- 4—Describe a method of obtaining gold from a solution of its chloride.
- 5—What is Galvanism, and how does it differ from Electricity?
- 6—How is humid Ferric Oxide prepared?

PHYSIOLOGY.

1889. Time—Two hours.

Dr. Rowe.

PRIMARY CLASS.

- 1—In the process of respiration how and where is Carbonic Oxide produced, and how and where is it exchanged for Oxygen?
- 2—What effect has size on the rapidity of Animal respiration and the reasons therefor?
- 3—Explain the necessary digestive processes through which a diet of Bread, Fat, Muscle and Cartilage pass to be entirely disposed of?
- 4—What is Fibrin, its supposed origin, and the reasons for such supposition?
- 5—What conditions affect the coagulation of the blood?

FINAL CLASS.

- 1—What are the functions of Cartilage, giving examples of each variety?
- 2—(a) How is animal heat produced and maintained? (b) In what tissues is the heat process most active? (c) How is the temperature of the body regulated?
- 3—(a) What is the composition of Human Lymph? (b) Whence is it derived? (c) How does it get into the Lymphatic vessels? (d) On what do changes in its composition depend?
- 4—(a) What is the function of a nerve fibre? (b) What effects are produced by irritating a centripetal nerve? (c) What functions are performed when a stimulus is applied to a centrifugal nerve? (d) On what does the effect of the stimulus of a nerve depend?