

The medal is given by the Faculty to him who proves himself the best man after special examination by answering, in writing, three questions proposed by each member of the Faculty. We publish below the questions given this year, the value of each being attached. The successful candidate was Mr. Edward P. Hurd, of Eaton, C. E.

Chemistry.

PROFESSOR SUTHERLAND.

1. In what conditions is chlorine found in nature: to what class of elements does it belong, how is it obtained and what are its properties. Value 15 marks.

2. In what conditions is oxygen found in nature, how is it obtained, what are its properties, and its relations to animal life in respiration. Value 15 marks.

3. Describe the chemical process whereby alcohol is obtained, what are its chief properties and what products are derivable from its decomposition. Value 20 marks.

Materia Medica.

PROFESSOR WRIGHT.

1. State what you know of the characters of sulphate of iron under different conditions; and assuming it to be oxysulphion of iron, express its formula as such. Value 16 marks.

2. Detail the actions of ipecacuanha and of its chief constituents separately. Value 17 marks.

3. Give the doses of iodine, of the iodides of potassium, mercury, quinine, starch, arsenic, and iron, and of the officinal preparations into which they enter. Value 17 marks.

Institutes of Medicine.

PROFESSOR FRASER.

1. Enumerate the sources of the *Salivary Gastric* and *Intestinal secretions*, and explain the part which each performs in the process of digestion. Value 18 marks.

2. Explain *excito motor*, *sensori motor*, *ideo motor*, and *emotional reflex actions*. Value 16 marks.

3. What are the pathological causes of general *anæmia* and *hyperæmia*, *sthenic* and *asthenic*. Value 16 marks.

Anatomy.

PROFESSOR SCOTT.

1. To what class of articulations does the knee joint belong, and what are its ligaments? Value 10 marks.