

McGILL UNIVERSITY.

FACULTY OF MEDICINE.

ANNUAL EXAMINATION.

PHYSIOLOGY.

SECOND YEAR.

TUESDAY, MARCH 17TH, 1885.

Examiner,..... T. WESLEY MILLS, M.A., M.D.

Write upon the following subjects :

1. The action of the heart.
2. The physics of respiration.
3. Digestion in the small intestines.
4. The functions of the fifth nerve.
5. The formation of the amnion and the placenta.
6. The functions of the spinal cord.
7. The circulatory system : (a) Mechanical forces. (b) Regulative mechanisms.
8. Respiration from a chemico-physical point of view.
9. Cell physiology, as illustrated in the digestive organs.
10. The cerebral localization hypothesis.
11. Urea.
12. The circulation before and after birth, with special reference to the causes of the changes.

N. B.—(1.) Only six of the above questions to be answered.

(2.) 100 per cent. of the marks can be obtained only by answering the last six questions.

(3.) Special importance will be attached to references to experiments witnessed, illustrating the subjects treated.