

◀WOMAN'S MEDICAL COLLEGE, TORONTO▶

Examination in Physiology.

First Year,

Examiner M. BARRETT, M. A. M. D.,

1. Describe the common white corpuscle of the blood, its form, composition and uses.
2. How may it be proven that muscular fibres are capable of being directly stimulated, without the intervention of any nerves?
3. What are the Chemical changes which take place when a living resting muscle enters into a contraction?
4. The mean arterial pressure in the carotid of man is probably 150-200 mm of mercury. Express this pressure in avoirdupois weight, and describe the method by which such pressure is determined in the blood-vessels of a horse.
5. Give the passage of the blood through the heart and state further in how many beats the whole of the blood would pass through the heart