## ANATOMY.

THURSDAY, 23RD MARCH, 1876 :--- 3 TO 5 P.M.

## er,..... PROFESSOR WILLIAM FULLER, M.D., C.M.

1. Describe the expansion of the central canal of the spinal cord to form the ventricular system of the brain, and give the boundaries and communications of the third ventricle.

2. What nerves enter the orbit? What nerves supply the ocular muscles respectively, and what nerves influence the iris?

3. Give the muscles of the palm and the external marks which indicate the position of the palmar arches.

4. Name the branches of the internal iliac artery; describe minutely the uterine artery in the female, the internal pudic in the male, and the arterial relations of direct and oblique inguinal and femoral hernia.

5. Describe the articulation of the hip joint, its ligaments, and the muscles in immediate relation to it in regular order.

6. If a horizontal section of the body be made on a level with the lower borders of the third costal cartilages and another at the upper border of the zyphoid cartilage, what regions of the body are included? State what parts are divided in each section according to their relations: about how much of each organ is included between the sections which ribs mark the elevation of the diaphragm on each side, and what point you would select to puncture the chest.

## PHYSIOLOGY.

THURSDAY, 23RD MARCH, 1876 :- 8 TO 10 P.M.

Examiner, ....... PROFESSOR FRANCIS W. CAMPBELL, M.A., M.D., L.R.C.P., LONDON.

1. Name and describe the properties of muscular tissue.

2. Mention the various mucous membranes and describe their situations.

3. Describe the general characters which belong to all varieties of mucus.

4. Give the situation, and minute anatomy of the kidney.

5. Describe a specimen of normal urine, giving its appearance, specific gravity and composition.

6. Name the teeth, and give the age at which they appear in first dentition; do the same a re ards second dentition.

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