

C 81764

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Name.....

Reg. No.....

FIRST YEAR B.P.E. DEGREE EXAMINATION, APRIL 2015

Paper III—BASIC AND SYSTEMIC ANATOMY

(2010 Admissions)

Time : Three Hours

Maximum : 75 Marks

Answer any five questions of which three questions should be from Part A and two questions from Part B, including Question 8 which is compulsory.

Part A

1. Describe briefly the structure of the heart and its working. (15 marks)

2. Write short notes on :

- (a) Muscles of respiration.
- (b) Functions of bones.
- (c) Voluntary muscles.

(3 × 5 = 15 marks)

3. Briefly explain :

- (a) Movement around hip joints.
- (b) Anatomical positions.
- (c) Structure of digestive system.

(3 × 5 = 15 marks)

4. Write notes on :

- (a) Functions of thyroid glands.
- (b) Role of skin in excretion.
- (c) Autonomous nervous system.

(3 × 5 = 15 marks)

5. Draw neat diagrams of :

- (a) Nephron.
- (b) Cell.
- (c) Kidney.

(3 × 5 = 15 marks)

Turn over

Part B

6. Define a 'joint'. Explain the types and functions of a joints. (15 marks)

7. Write on :

- (a) Importance of Anatomy.
- (b) Mechanism of vision.
- (c) Digestive juices.

(3 × 5 = 15 marks)

8. Write any *five* from the following :

- (a) Ankle joint.
- (b) Vertebral column.
- (c) Vital capacity.
- (d) Taste buds.
- (e) Myopia.
- (f) Mitochondria.
- (g) Scapula.
- (h) Spinal cord.

(5 × 3 = 15 marks)