

C 29056

(Pages : 2)

Name.....⁵

Reg. No.....

FIRST YEAR B.P.E. DEGREE EXAMINATION, AUGUST 2012

Paper III—BASIC AND SYSTEMIC ANATOMY

(2010 Admissions)

Time : Three Hours

Maximum :75 Marks

Answer any **three** questions from Part A and **two** questions from Part B.

Question 8 is compulsory.

All questions carry equal marks.

Part A

1. Explain the types of muscles in detail ? Draw the diagram of a voluntary muscle. (15 marks)
2. Explain :
 - (a) Structure of respiratory system.
 - (b) Arteries, veins and capillaries.
 - (c) Skin and excretion.(3 × 5 = 15 marks)
3. Draw the diagrams of :—
 - (a) Kidney.
 - (b) Heart.
 - (c) Ear.(3 × 5 = 15 marks)
4. Write short notes on :—
 - (a) Blood clotting and functions of blood.
 - (b) Nephron.
 - (c) Functions of cerebrum and cerebellum(3 × 5 = 15 marks)
5. Write on :
 - (a) Mechanism of vision.
 - (b) Adrenal glands.
 - (c) Radius and ulna.(3 × 5 = 15 marks)

Turn over

Part B

6. Explain in detail the types of joints with diagrams and examples.

(15 marks)

7. Write on :

- (a) Importance of anatomy in the field of physical education.
- (b) Structure and functions of glands.
- (c) Body fluids.

(3 × 5 = 15 marks)

8. Answer any *five* from the following :—

- (a) Knee joint.
- (b) Residual air.
- (c) Bronchial tree.
- (d) Blood pressure.
- (e) Cardiac output.
- (f) Appendicular skeleton.
- (g) Mitochondria.
- (h) Nephron.

(5 × 3 = 15 marks)