

64510

Name : .....

Reg. No: .....

FIRST YEAR B.P.E. DEGREE EXAMINATION, JUNE 2014

06

Paper III - BASIC AND SYSTEMIC ANATOMY  
(2010 - 2012 Admission)

Time : Three Hours

Maximum : 75 Marks

Answer any five questions of which three questions should be from Part A and two questions should be from Part B, including question No. 8 which is compulsory.

Part A

1. Explain the structure and functions of a cell with a neat labelled diagram? (15)
2. Write short notes on:-
  - (a) Mechanism of hearing
  - (b) Muscles of respiration
  - (c) Systolic and diastolic pressure. (3 x 5)
3. Explain :-
  - (a) Chemistry of blood clotting
  - (b) Movement around knee joint
  - (c) Anatomical positions (3 x 5)
4. Write the functions of:-
  - (a) Skeletal systems
  - (b) Cerebrum
  - (c) Kidney (3 x 5)
5. Draw neat diagrams of:-
  - (a) Heart
  - (b) Nephron
  - (c) Alimentary canal (3 x 5)

Part B

6. Write briefly about the types and functions of muscles with suitable diagrams. (15)
7. Write on:
  - (a) Importance of Anatomy
  - (b) Posture and equilibrium
  - (c) Role of digestive juices (3 x 5)
8. Write short notes on any five from the following:-
  - (a) Sex glands
  - (b) Elbow joint
  - (c) Adrenal glands
  - (d) Cerebellum
  - (e) Astigmatism
  - (f) Femur
  - (g) Genetic code
  - (h) Veins and capillaries (5 x 3)