

23BP12

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Name:

Reg. No:

FIRST YEAR B.P.Ed. (INTEGRATED) DEGREE EXAMINATION, APRIL 2024

(Regular/Supplementary/Improvement)

CC15U BPE1 T2 / CC19U BPE1 T2 – BASIC AND SYSTEMATIC ANATOMY

(2015 Admission onwards)

Time: Three Hours

Maximum: 75 Marks

Answer any *three* questions from **Part A** and *one* question from **Part B**.

Question from **Part C** is compulsory.

PART A

1. Describe the structure and function of Human eye and explain the mechanism of vision.
(1 × 15 = 15 Marks)
2. Explain briefly:
 - a) Cardiac output.
 - b) Classification of Tissue.
 - c) Central nervous system.(3 × 5 = 15 Marks)
3. Give short descriptions on:
 - a) Functions of Liver.
 - b) Structure and function of Blood.
 - c) Cerebrum.(3 × 5 = 15 Marks)
4. Write notes on:
 - a) Thalamus and Hypothalamus.
 - b) Cardiac cycle.
 - c) Spinal code.(3 × 5 = 15 Marks)
5. Explain:
 - a) Axial and appendicular skeleton.
 - b) Mechanism of respiration.
 - c) Wrist joint.(3 × 5 = 15 Marks)

PART- B

6. Describe the structure and function of Kidney.

(1 × 15 = 15 Marks)

7. Draw diagrams and label:

- a) Elbow joint.
- b) Cell.
- c) Nephron.

(3 × 5 = 15 Marks)

PART-C

8. Write short notes on any five of the following:

- a) Enzyme.
- b) Salivary gland.
- c) Pancreas.
- d) Mitochondria.
- e) Hyper and hypotension.
- f) Stroke volume.
- g) Vital capacity.
- h) Sex gland.

(5 × 3 = 15 Marks)
