

24BP12

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Name:

Reg. No:

FIRST YEAR B.P.Ed. (INTEGRATED) DEGREE EXAMINATION, APRIL 2025

(Regular/Supplementary/Improvement)

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

(2015 Admission onwards)

Time: Three Hours

Maximum: 75 Marks

Part A

Answer any *three* questions.

1. Draw a neat diagram of a Cell and describe its structure and functions.
(1 × 15 = 15 Marks)
2. Give brief explanation on:
 - (a) Functions of blood.
 - (b) Structural classification of muscles.
 - (c) Role of skin in excretion.(3 × 5 = 15 Marks)
3. Give short description on:
 - (a) Structure of skull bones.
 - (b) Types of joints.
 - (c) Brain and Spinal cord.(3 × 5 = 15 Marks)
4. Write notes on:
 - (a) Muscles of respiration.
 - (b) Types and distribution of taste buds.
 - (c) Muscles and movement around shoulder joint.(3 × 5 = 15 Marks)
5. Explain briefly about the structure of the following:
 - (a) Structure of heart.
 - (b) Structure of kidney.
 - (c) Structure of respiratory passages.(3 × 5 = 15 Marks)

Part B

Answer any *one* question.

6. Discuss in detail the structure and functions of human skeletal system.
(1 × 15 = 15 Marks)

7. Briefly explain the following:

- (a) Eye defects.
- (b) Cardiac cycle and Cardiac output.
- (c) Role of thyroid hormone.

(3 × 5 = 15 Marks)

PART C

Answer any *five* questions.

- 8. Vertebrae.
- 9. Mitochondria.
- 10. Systolic and diastolic
- 11. Role of pancreas.
- 12. Axial skeleton.
- 13. Residual air.
- 14. Nephron
- 15. Anaemia.

(5 × 3 = 15 Marks)
