

21BP12

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Name:

Reg. No:

FIRST YEAR B.P.Ed (INTEGRATED) DEGREE EXAMINATION, APRIL 2022

(Regular/Supplementary/Improvement)

CCI5U BPE1 T2 - BASIC AND SYSTEMIC ANATOMY

(2015 Admission onwards)

Time: Three Hours

Maximum: 75Marks

Answer any *three* questions from **Part A** and *one* question from **Part B**.
Question from **Part C** is compulsory.

PART - A

Answer any *three* questions. Each question carries 15 marks.

1. With a neat labelled diagram explain the structure of a Synovial Joint.

(1 × 15 = 15 Marks)

2. Write briefly on:
 - (a) Bones.
 - (b) Brain.
 - (c) Blood.

(3 × 5 = 15 Marks)

3. Differentiate the following:
 - (a) Humerus and Femur.
 - (b) Neuron and Nephron.
 - (c) Cerebrum and Cerebellum.

(3 × 5 = 15 Marks)

4. Draw the Microscopic structure of the following:
 - (a) Animal cell.
 - (b) A bone.
 - (c) A Muscle.

(3 × 5 = 15 Marks)

5. Explain briefly on the functions of the following:
 - (a) Skin.
 - (b) Endocrine glands.
 - (c) Joints.

(3 × 5 = 15 Marks)

PART - B

Answer any *one* question. Each question carries 15 marks.

6. Explain the circulatory system.

(1 × 15 = 15 Marks)

7. Explain in brief:

- (a) Tissues.
- (b) Organs.
- (c) Organelles.

(3 × 5 = 15 Marks)

PART - C

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

- (a) Capillaries.
- (b) Muscles of respiration.
- (c) Elbow Joint.
- (d) Defects of the eye.
- (e) Medulla Oblongata.
- (f) Kidneys.
- (g) Pituitary glands.
- (h) Blood Pressure.

(5 × 3 = 15 Marks)
