

16BP12

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Name: .....

Reg. No.....

**FIRST YEAR B.P.Ed. DEGREE EXAMINATION, MAY-2017**

(Regular/Supplementary/Improvement)

**CC15U BPE1 T2– BASIC AND SYSTEMIC ANATOMY**

(2015 Admission Onwards)

Time: Three Hours

Maximum: 75 Marks

Answer any *five* questions of which *three* questions should be from **Part A** and *two* questions from **Part B**, including **question 8** which is **compulsory**.

**PART A**

(1) Describe the different types of moveable and immovable joints along with the different muscles involved at each joints.

**(15 Marks)**

(2) Give short descriptions on:-

- (a) Pituitary gland
- (b) Cerebellum
- (c) Femur

**(3x5=15 Marks)**

(3) (a) Short description on Medulla Oblongata  
(b) Vertebral Column  
(c) Short description of Shoulder joint

**(3x5=15 Marks)**

(4) Explain in brief the following:-

- (a) Cardiac cycle and Cardiac output
- (b) Functions of bones
- (c) Protein synthesis

**(3x5=15 Marks)**

(5) Explain briefly about the structure of the following:-

- (a) Eye
- (b) Kidney
- (c) Skin

**(3x5=15 Marks)**

PART B

(6) Describe with the help of a diagram the structure of respiratory passage and lungs. **(15 Marks)**

(7) Briefly explain the following:- **(3x5=15 Marks)**

- (a) Systolic and Diastolic Blood pressure
- (b) The microscopic structure of a bone
- (c) Digestive juices

(8) Write short notes on any five of the following:- **(3x5=15 Marks)**

- (a) Cerebrum
- (b) Pancreas
- (c) Nose
- (d) Hyperopia
- (e) Spinal Cord
- (f) Veins
- (g) Residual air
- (h) Knee joint

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