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Total No. of Questions : 8] *[Total No. of Printed Pages : 2*

Roll No .....

PY-116-CBCS

B.Pharmacy, II Semester (Non-PCI Scheme)

Examination, June 2020

Choice Based Credit System (CBCS)

Human Anatomy and Physiology - I

Time : Three Hours

Maximum Marks : 60

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. Draw a well labelled diagram of cell and enlist the functions of mitochondria, ribosome and endoplasmic reticulum.

2. Describe the general characteristics of epithelial tissue and discuss in brief its various types.

3. Classify joints on the basis of structure and function. Write a short note on arthritis.

4. Draw a neat diagram to illustrate basic anatomy of heart. Describe cardiac cycle.

5. Discuss composition and functions of blood and its elements. Signify the importance of blood grouping system.

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6. What is lymph? Give its composition. Describe the structure of a lymph node with its functions.

7. Discuss in detail the mechanism involved in regulation of respiration.

8. Write short notes on any three of the following.
   a) Physiology of contraction of skeletal muscle
   b) General principles of immunity
   c) Blood pressure and its regulation
   d) Asthma

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