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Roll No

PY-116**B.Pharm., I Year II Semester**

Examination, June 2016

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. a) Draw a well labelled diagram of cell and enlist the functions of mitochondria and endoplasmic reticulum.
b) Describe the general characteristics of epithelial tissue and discuss in brief its various types.
2. a) Explain functions of skeleton. Name the bones of upper limb.
b) Describe the structure and types of synovial joints.
3. a) Explain the physiology of skeletal muscle contraction.
b) Discuss various disorders of skeletal muscles.
4. a) What is blood? Explain in detail the structure and functions of white blood cells.
b) Explain the structure of heart with the help of a well labelled diagram.
5. a) What is lymph? Give its composition.
b) Describe the structure of a lymph node with its functions.

6. a) Write various important respiratory volumes and capacities of lung.
b) Enlist various diseases of respiratory system. What is Asthma?
7. Write short notes on any three of the following:
 - a) Immunity
 - b) Hypertension
 - c) Heart sounds
 - d) Nervous tissue
