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Roll No .....

**PY-116****B.Pharmacy, II Semester (Non - PCI Scheme)**

Examination, June 2017

**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. Describe structure of cell. Explain functions of various components of cell.
2. Classify joints. Discuss in detail the composition and functions of skeleton.
3. What is Muscle? Describe the physiology of muscle contraction.  
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4. Discuss in detail the physiology of heart. Explain the regulation of blood pressure.
5. What is Lymph? Explain the structure and functions of Lymphatic vessels.
6. Discuss in detail the general principle of immunity. Give an account of importance of lymphatic system for immunity.
7. What is Asthma? Explain the mechanism and regulation of respiration.

8. Write exhaustive notes on any two of the following:

- a) Myocardial infraction
- b) Myasthenia gravis
- c) Types and functions of nervous tissues.

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