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Roll No

BP-101 T**B.Pharm., I Semester (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. Explain with a neat labelled diagram structure and functions of cell. Describe various mechanisms that transport substance across the plasma membrane.
2. Describe the structure of skeletal muscle and explain the physiology of its contraction.
3. Define tissue and classify tissue. Describe the structure and function of epithelial tissue.
4. Discuss the physiology of autonomic nervous system. Differentiate between sympathetic and parasympathetic nervous system.
5. Briefly explain the anatomy and physiology of eye.

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6. What is mechanism of hormone action? Describe the hormone secreted by posterior pituitary gland and discuss their functions.

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7. Discuss the principal parts of brain. What are neurotransmitters? Explain the functions of different neurotransmitter in brain.

8. Write notes on any two :

- a) Thyroid gland
- b) Skin
- c) Pancreas
- d) Spinal and cranial nerves

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