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**BP-201 T**

**B.Pharm., II Semester (PCI Scheme)**

Examination, June 2017

**Choice Based Credit System (CBCS)**

**Human Anatomy and Physiology - II**

*Time : Three Hours*

*Maximum Marks : 60*

- Note:** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. What is action potential? Describe in detail the classification and properties of nerve fibres.
2. Explain in detail the regulation of acid production through parasympathetic nervous system.
3. What is Energetics? Describe the formation and physiological role of ATP with special reference to BMR.
4. Describe in detail the anatomy of lungs. Explain the mechanism of respiration.
5. What is Micturition reflex? Explain the structure and functions of nephrons.
6. Give the classification of hormones. Describe the structure and function of pituitary gland.

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7. What is Oogenesis? Explain the physiology of menstruation.
8. Write exhaustive notes on any two of the following:
  - a) Physiology of spermatogenesis.
  - b) Genetic pattern of inheritance
  - c) Artificial respiration and its importance

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