

**I B.Pharmacy I Semester Supplementary Examinations, Feb/Mar 2014**  
**ANATOMY, PHYSIOLOGY & HEALTH EDUCATION-I**

**Time: 3 hours**

**Max Marks: 75**

**Answer any FIVE Questions**  
**All Questions carry equal marks**

\*\*\*\*\*

1. Explain in detail about structure of cell and its components. [15]
2. Describe in detail about Structure, composition and functions of skeleton with neat labelled diagram. [15]
3. Explain in detail about Artificial respiration methods. [15]
4. (a) Write about the classification of ANS. Give in detail the functions of ANS.  
(b) Explain the types of reflexes [9+6]
5. Write a note on the  
(a) Mechanism of skeletal muscle contraction.  
(b) Describe the functions of hypothalamus [8+7]
6. (a) What is the difference between mixed cranial nerve & sensory cranial nerve.  
Add a note on name, number & functions of cranial nerves  
(b) Describe the motor areas of cerebral cortex [9+6]
7. Write a note on  
(a) Acid-base balance  
(b) Describe the structure of kidney with a neat labeled diagram [7+8]
8. (a) Describe in detail the physiology of urine formation  
(b) Trace the path of blood flow through the kidneys [9+6]

\*\*\*\*\*