

Code No: B1104/R10

**R10****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**

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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]

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