

Code No. : **4401****FACULTY OF PHARMACY****B. Pharm. I Year (Suppl.) Examination, November/December 2010****ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION**

Time : 3 Hours]

[Max. Marks : 70

*Note : Answer **all** questions. All questions carry **equal** marks.*1. a) Draw a neat labelled diagram of Sternum and Scapula. **6**b) Illustrate properties and functions of muscle tissue. **8****OR**c) Draw a neat labelled diagram of ankle bones. **4**d) Describe the properties and functions of epithelial tissue. **10**2. a) Draw a neat labelled diagram of simple reflex arc and write a note on reticular formation. **(3+3)**b) Describe the properties and functions of autonomic nervous system. **8****OR**c) Illustrate various stages occurring in cardiac cycle. **8**d) Add a note on functions of Forebrain. **6**

3. a) Explain the terms Vital Capacity, tidal volume, hypoxia and dyspnoea.

b) Give the diagrammatic representation of different phases involved in secretion of gastric juice. **6****OR**

c) List out the various hormones secreted by the adrenal gland and write its functions.

d) Add a note on enzymes involved in digestion.

(This paper contains 2 pages)

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