

FACULTY**B. Pharmacy I – Year (Supplementary) Examination, November 2017****Subject : Anatomy, Physiology and Health Education****Time : 3 hrs****Max. Marks : 70****Note : Answer all questions. All questions carry equal marks.**

- 1 a) i) Define Tissue. Classify various types of muscle tissues and explain them with a neat labeled diagram. 8
ii) Explain general principles of Membrane Permeability. 6
OR
b) i) Explain the various parts of the following bones with neat diagrams 8
a) Humerus b) Sternum c) Fibula d) Sacrum
ii) Discuss the functions of connective tissue. 6
- 2 a) i) Discuss about physiology of Nerve impulse. 8
ii) Write about functions of hypothalamus. 6
OR
b) i) Define cardiac cycle and describe the events involved in cardiac cycle. 8
ii) Define Blood Pressure. What are the factors affecting Blood Pressure? 6
- 3 a) i) Define Hypoxia. Explain Physiology of respiration. 8
ii) Write about histology of small intestine. 6
OR
b) i) Explain Anatomy of respiratory system. 8
ii) Explain Disorders of hypo and hyper secretions of thyroid gland. 6
- 4 a) i) Explain the anatomy of eye with diagram. 8
ii) What is FR and explain factors affecting FR. 6
OR
b) i) Describe the physiology of hearing. 8
ii) Discuss the anatomy of Taste bud. 6
- 5 a) i) Write about various temporary contraceptive methods. 8
ii) Write a note on Neoplasm. 6
OR
b) i) Describe the signs, symptoms and different stages of inflammation. 8
ii) Write about functions and deficiency disorders of Vitamin A. 6
