

FACULTY**B. Pharmacy I Year (Non CBCS) (Backlo) Examination, August 2019****Subject: Anatomy Physiology & Health Education****Time: 3 Hrs****Max. Marks: 70****Note: Answer all questions. All questions carry equal marks.**

1. (a) Define and classify tissues. Write a brief note on nervous tissue. 8
(b) Explain the general principles of membrane potential. 6
OR
2. (a) Discuss active and passive transport across plasma membrane. 6
(b) Explain the following bones with neat diagram. 8
a. Sternum b. Sacrum
3. (a) Explain anatomy and physiology of parasympathetic nervous system. 8
(b) Write a note on Neurotransmission. 6
OR
4. (a) Explain various states of conduction system of heart. 8
(b) Explain the composition of blood. 6
5. (a) Describe the anatomy of small intestine with neat labeled diagram. 8
(b) Explain the structure and functions of liver. 6
OR
6. (a) Describe the anatomy of small intestine with neat labeled diagram. 8
(b) Write a note on following terms. 6
a. Vital capacity b. Hypoxia c. Anoxia
7. (a) Explain the physiology of urine formation. 8
(b) Discuss the physiology of smell. 6
OR
8. (a) Discuss the physiology of vision. 8
(b) Describe the anatomy of skin with neat labeled diagram. 6
9. (a) Write about intrauterine contraceptive devices. 8
(b) Write about deficiency disorders of vitamin A. 6
OR
10. (a) Define neoplasm. Explain various types of neoplasms. 8
(b) Explain the following terms. 6
a. Embolism b. Nutritional disorders.
