

FACULTY OF PHARMACY**B. Pharmacy I-Year (NON-CBCS) (Backlog) Examination,****December 2019****Subject : Anatomy Physiology and Health Education****Time: 3Hrs****Max. Marks: 70****Note:** Answer All Questions, All Questions carry equal marks.

- 1) a) Classify various types of connective tissues. Explain any two with neat labeled diagram. (8)
b) Write a note on membrane permeability. (6)
OR
- 2) a) Discuss the properties and functions of osseous tissue. (6)
b) List the axial bones and explain any two with neat labeled diagram. (6)
- 3) a) Discuss the physiology of nerve impulse in brief (8)
b) Define reflex arc. Explain various components of reflex arc. (6)
OR
- 4) a) Define cardiac cycle and explain various events in cardiac cycle. (8)
b) What is ECG? Explain various phases of ECG with labeled diagram. (6)
- 5) a) Explain the physiology of respiration. (8)
b) Write a note on enzymes involved in digestion. (6)
OR
- 6) a) Explain the mechanism of hormonal secretion. (8)
b) Write down the functions of thyroid and parathyroid glands. (6)
- 7) a) Describe the structure and functions of kidney with neat labeled diagram (8)
b) What is GFR? Explain the factors affecting GFR. (6)
OR
- 8) a) Explain the anatomy of ear with neat labeled diagram. (8)
b) Write the structure and functions of taste buds. (6)
- 9) a) What is family planning. Explain various temporary methods used in family planning. (8)
b) Write about embolism and edema. (6)
OR
- 10) a) Write the signs, symptoms and different stages of inflammation. (8)
b) Write about nutritional disorders associated with vitamin A deficiency. (6)
