

Sub Code: BP101T

B PHARM (SEM-I)

THEORY EXAMINATION 2021

ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY- I

Time:-3Hours

Total Marks: 75

Note: Attempt all Sections.

SECTION A

**Very Short Answer (Attempt all questions)
10 x 2 = 20**

- a. Why does the Lysosome know as suicidal cell?
- b. Why does mitochondria known as power house of energy?
- c. Write difference between phagocytosis and pinocytosis
- d. Write difference between Tendons and ligaments.
- e. Write the functions of Rough Endoplasmic Reticulum
- f. Define Osmosis transport.
- g. Define cell and tissue.
- h. Define facilitated transport
- i. Write the best method of family planning
- j. What is male birth control?

SECTION B

**Short Answer (Attempt any 5 questions)
5 x 7 = 35**

- a. Write the structure and molecular mechanism of skeleton muscle contraction.

- b. Discuss various fractures and methods resuscitation.
- c. Explain various type Connective Tissue
- d. Discuss about family planning.
- e. Write a note on Erythropoiesis.
- f. Write a note on disorders related to heart
- g. Describe the mechanism of Blood Coagulation

SECTION C

**Long Answer (Attempt any 2 questions)
2 x 10 = 20**

- a. Discuss anatomy and physiology of the eye (vision).
- b. Define Cell division. Discuss about the somatic cell division in details
- c. Classify Skeletal system & discuss about the structure and functions of vertebral column.