

**B PHARM**  
**(SEM-I) THEORY EXAMINATION 2019-20**  
**ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY- I**

**Time: 3 Hours****Total Marks: 100****Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

- 1. Attempt all questions in brief. 2 x10 = 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**

- 2. Attempt any three of the following: 10 x 3 = 30**
- 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.

**SECTION C**

- 3. Attempt any one parts of the following: 10 x 1 = 10**
- (a) Write about emergency treatment of shock
  - (b) Discuss medical termination of pregnancy.
- 4. Attempt any one part of the following: 10 x 1 = 10**
- (a) Discuss anatomy and physiology of the eye (vision).
  - (b) Explain causative agents, modes of transmission and prevention Chicken pox.
- 5. Attempt any one part of the following: 10 x 1 = 10**
- (a) Discuss anatomy and physiology of the ear (hearing).
  - (b) Discuss causative agents, modes of transmission and prevention tuberculosis.
- 6. Attempt any one part of the following: 10 x 1 = 10**
- (a) Explain emergency treatment of shock.
  - (b) Discuss causative agents, modes of transmission and prevention rabies.
- 7. Attempt any one part of the following: 10 x 1 = 10**
- (a) Discuss causative agents, modes of transmission and prevention tetanus.
  - (b) Discuss causative agents, modes of transmission and prevention filariasis.