

Paper Id: 

150113
--------

Roll No: 

--	--	--	--	--	--	--	--	--	--	--	--

**B. PHARM.****(SEM-I) THEORY EXAMINATION 2019-20  
ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY- I****Time: 3 Hours****Total Marks: 70****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

- 1. Attempt *all* questions in brief. 2 x 7 = 14**
- a. Define demography.
  - b. Write the cause and mode of transmission of Chicken pox.
  - c. Give the function of rods and cones.
  - d. Classify neurons on basis of function.
  - e. Discuss first aid of burns.
  - f. Enlist types of neuroglia.
  - g. Name the bones of axial and appendicular skeleton.

**SECTION B**

- 2. Attempt any *three* of the following: 7 x 3 = 21**
- a. Classify joints. Write a note on synovial joints.
  - b. Explain the levels of organization of human body.
  - c. Elaborate the physiology of muscle contraction.
  - d. Discuss the management of poisoning.
  - e. Discuss the cause, mode of transmission and prevention of rabies.

**SECTION C**

- 3. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Write the structure and functions of nucleus and mitochondria.
  - (b) Classify epithelial tissues and write their functions.
- 4. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Explain energy metabolism.
  - (b) Explain the anatomy and physiology of skeletal muscle.
- 5. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) With a well labeled suitable diagram, explain the structure and function of ear.
  - (b) Discuss the anatomy and physiology of skin.
- 6. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Write the cause, mode of transmission and prevention of tuberculosis.
  - (b) Write a detailed note on dengue giving its cause and its prevention.
- 7. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Discuss the first aid in fractures.
  - (b) Write a detailed note on the medical termination of pregnancy.