

B PHARM**(SEM-II) THEORY EXAMINATION 2018-19
ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY-II****Time: 3 Hours****Total Marks: 100****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

- 1. Attempt all questions in brief. 2 x 10 = 20**
- a. What is accommodation?
 - b. Define Neurotransmitter
 - c. Write functions of lymph
 - d. Give composition of CSF
 - e. What is Reflex arc?
 - f. Write treatment of snake bite
 - g. Give the causative organism and mode of transmission of AIDS
 - h. Write the functions of cholinergic system
 - i. Discuss the olfactory pathway
 - j. Write a note on neuroglia.

SECTION B

- 2. Attempt any three of the following: 10x3=30**
- a. Give a list showing the functions of all cranial nerves.
 - b. Explain the structure and physiology of eye with a well labeled diagram.
 - c. Explain the anatomy and physiology of a lymph node with well labeled diagram.
 - d. Describe the resuscitation methods.
 - e. Write the causative organism, mode of transmission and prevention of
(i) Malaria (ii) Poliomyelitis.

SECTION C

- 3. Attempt any one part of the following: 10x1=10**
- a. Describe the structure and functions of skin.
 - b. Discuss the steps involved in neurohumoral transmission.
- 4. Attempt any one part of the following: 10x1=10**
- a. Compare the anatomy and physiology of sympathetic and parasympathetic nervous system.
 - b. Discuss the formation and circulation of lymph.
- 5. Attempt any one part of the following: 10x1=10**
- a. Write a note on following:
(i) First aid treatment for fractures (ii) Emergency treatment of poisoning.
 - b. Discuss the structure and functions of cerebrum.
- 6. Attempt any one part of the following: 10x1=10**
- a. What is EEG? Explain the various brain waves of EEG.
 - b. Give a note on (i) Medical termination of Pregnancy Act (ii) Family planning methods.
- 7. Attempt any one part of the following: 10x1=10**
- a. Write a note on tuberculosis and Leprosy.
 - b. Explain the anatomy and physiology of spinal cord.