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Paper Id: | 5 | 0 | 0 | 7 | **Roll No:** | | | | | | | | | | |

B PHARM

(SEM I) THEORY EXAMINATION 2017-18

ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY-I

Time: 3 Hours ***Total Marks: 70***

Notes:

- *Attempt all Sections.*
- *Assume any missing data*.

SECTION A

1. Attempt *all* questions in brief. 2 x 7 = 14

a. Enlist cell organelles.
b. Explain the organization of human body in brief.
c. What is muscle tone?
d. Give the causative agent of tuberculosis and malaria.
e. Enlist the bones present in ear.
f. Give the classification of joints.
g. What is neuron?

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SECTION B

2. Attempt any *three* of the following: 7 x 3 = 21

a. Draw the structure of cell membrane. Explain detail about Bulk transport system.
b. Write down about Structural and functional characteristics of muscular or nervous tissues.
c. Define the term Joints and types of movements of joints.
d. Explain the physiology of vision.
e. Give the causative agent, mode of transmission and prevention of chicken pox.

SECTION C

3. Attempt any *one* part of the following: 7 x 1 = 7

(a) What do you mean by Demography? What is MTP?
(b) Discuss in detail about the various family planning methods.

4. Attempt any *one* part of the following: 7 x 1 = 7

(a) Write a note on dengue.
(b) Give the causative agent, mode of transmission and prevention of diphtheria.

5. Attempt any *one* part of the following: 7 x 1 = 7

(a) Write a note on treatment of shock.
(b) Describe the various emergency treatments of fractures.

6. Attempt any *one* part of the following: 7 x 1 = 7

(a) Draw a neat labeled structure of mitochondria and explain the function of it.
(b) Draw the skeleton of human and write the name of bones.

7. Attempt any *one* part of the following: 7 x 1 = 7

(a) Draw a labeled picture of Ear. Discribe in brief the physiology of hearing.
(b) Draw the labeled section of skin and taste buds.

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