PAPER ID-411308

Subject Code: RPH103

Roll No: | | | | | | | | | | | | | |

BPHARM
(SEM I) THEORY EXAMINATION 2021-22
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 muscle tone.
b.	Enlist types of connective tissue.
c.	Mention the causative agent and mode of transmission of tuberculosis.
d.	Differentiate between neuron and neuroglia.
e.	Discuss the function of rods and cones.
f.	Define fracture and enlist its types.
g.	Write the function of mitochondria.

SECTION B

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

a.	Explain the anatomy of eye and write the physiology of vision.
b.	Write a detailed note on treatment of poisoning.
c.	Discuss the types of epithelial tissue present in body and write its functions.
d.	Explain the anatomy of skin. Briefly, write its functions.
e.	Discuss family planning methods.

SECTION C

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

(a)	Write a detailed note on types of joints.
(b)	Discuss causative agents, modes of transmission and prevention of malaria.

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

(a)	Discuss the anatomy of ear and explain the physiology of hearing.
(b)	Write in detail steps involved in skeletal muscle contraction.

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

(a)	Explain the causative organism, mode of transmission and prevention of dengue.
(b)	Give a note on emergency treatment of shock.

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

(a)	Differentiate between skeletal muscle and smooth muscle.
(b)	Write the causative agent, mode of transmission and prevention of chickenpox.

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

(a)	Discuss the active transport mechanisms across cell membrane.
(b)	Write a note on resuscitation methods.