Sub Code: BOP113

Paper Id: 150123 Roll No: | | | | | | | | | | | | | |

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 betweenTendons 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?

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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 preventiontuberculosis.

6. Attempt any *one* part of the following: 10 x 1 = 10

(a) Explainemergency 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 preventiontetanus.
(b) Discuss causative agents, modes of transmission and prevention filariasis.