

B. PHARM
(SEM-III) THEORY EXAMINATION 2019-20
ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY-III

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 x 10 = 20**

a.	Define inspiration and expiration
b.	What do you mean by vocal cord
c.	Define Heart sound
d.	Explain the role of FSH,LH
e.	Define Autocrine, Paracrine
f.	Define the term menopause
g.	Define Atrophy & Hypertrophy
h.	Define free radical with example.
i.	What is Phagocytosis?
j.	Define the term Necrosis.

SECTION B**2. Attempt any three of the following:****10x3=30**

a.	Discuss the anatomy of pituitary gland with the help of diagram
b.	Write a short note on Spermatogenesis & oogenesis
c.	Define arteriosclerosis. How does it lead to development of ischemic heart disease?
d.	Draw a well labeled diagram of respiratory system. Mention function of each part
e.	What is cell injury? What are the various causes?

SECTION C**3. Attempt any one part of the following:****10x1=10**

a.	Write short on migration of Leukocyte.
b.	Write about the brief outline of Repair

4. Attempt any one part of the following:**10x1=10**

a.	Draw a well labeled diagram of Heart & its physiology.
b.	Write a note on Cardiac Cycle & ECG.

5. Attempt any one part of the following:**10x1=10**

a.	Discuss about the mechanism of respiration
b.	Write about pathogenesis of Reversible & Irreversible injury

6. Attempt any one part of the following:**10x1=10**

a.	Write about the regulation of Calcitonin & parathyroid hormone.
b.	Write a short note on rennin angiotensin system (RAS)

7. Attempt any one part of the following:**10x1=10**

a.	Discuss about sexually transmitted diseases(STD)
b.	Discuss anatomy of male reproductive system.