

Your Roll Number.....

SCHOOL OF CHEMICAL AND LIFE SCIENCES
B.Sc. (Hons.) CLINICAL RESEARCH
SEMESTER-I, EXAMINATION- 2024

PAPER CODE: BCR MIC 101

PAPER TITLE: Anatomy, Physiology and Pathophysiology I

Time: 2.5 Hrs

Maximum Marks: 60

Write the roll number at the top immediately on receipt of this question paper. Attempt all questions. All parts of a question must be attempted in continuation. Start answer of a fresh question on a new page. Cite examples whenever necessary

Q 1. Define the following: [2*6=12]

- a. Inflammation
- b. Anatomy
- c. Atrophy
- d. Necrosis
- e. Neuron
- f. Homeostasis

Q 2. Explain the pathogenesis of any THREE of the following: [4*3=12]

- a. Epilepsy
- b. Jaundice
- c. Depression
- d. Hypertension
- e. Ricketts

Q 3. Enumerate the difference between osteoarthritis and rheumatoid arthritis. [12]

OR

Enumerate the difference between duodenal and gastric ulcer.

Q 4. Discuss Alzheimer's disease in detail. [12]

OR

Discuss congestive cardiac failure in detail.

Q 5. Write a note on disorders of cells and tissues. [12]

OR

Write a note on components of the circulatory system and briefly explain the conduction system of heart.