



International Islamic University Chittagong

Department of Pharmacy

Mid Term Examination

B. Pharm (Hons.) Program

Course Code: **Pharm-2311**

Time: 1 hours 30 minutes

Semester Spring 2024

Course Title: **Pathology**

Full Marks: 30

*(Answer any **three** questions from the followings. Figures in the right margin indicate marks)*

1. a) What do you mean by the term “pathology”? State the scope of pathology. 2+2
b) Illustrate the environmental factors that can cause of diseases. 4
c) Define the terms- endemic, epidemic and pandemic. 2

2. a) Cite the sources of chemical mediators that can changes the inflammatory responses. 3
b) “Peptic ulcers are long-lasting ulcerative lesions in the gastrointestinal tract.”- enumerate this statement. 4
c) Deduce the regeneration process of healing from tissue damage. 3

3. a) Briefly describe the mechanism of cell injury. 5
b) What is apoptosis? Write down the major pathways of apoptosis formation. 5

4. a) Evaluate the causes and mechanism of hypertrophy of cell. 4
b) Categorize the phagocytosis process of particulate matters. 4
c) •How can you compare between pain and inflammation? 2