

**B PHARM  
(SEM II) THEORY EXAMINATION 2022-23  
PATHOPHYSIOLOGY**

*Total Marks: 75*

**Time: 3 Hours**

**Note: Attempt all Sections. If require any missing data, then choose suitably.**

**SECTION A**

**10 x 2 = 20**

1. **Attempt all questions in brief.**

- (a) Define the term Homeostasis with example
- (b) What are the causes of cell injury.
- (c) What is congestive Heart failure. Differentiate between Forward and Backward Heart failure
- (d) Illustrate risk factors of COPD.
- (e) Differentiate between Type I and Type II Diabetes.
- (f) Give the Etiology of Alzheimer disease.
- (g) What is Rheumatoid Arthritis. Give its signs and symptoms.
- (h) Define Gout and write its types.
- (i) Illustrate Causative agent, sign and symptoms of Tuberculosis
- (j) Explain the Etiology of Syphilis.

**SECTION B**

2. **Attempt any two parts of the following:**

**2 x 10 = 20**

- (a) Discuss the components and type of Feedback system.
- (b) Elaborate Pathophysiology of Acute and Chronic Renal failure.
- (c) Explain the etiology, types and pathogenesis of Diabetes Mellitus.

**SECTION C**

3. **Attempt any five parts of the following:**

**7 x 5 = 35**

- (a) Discuss basic Mechanism involved in the process of inflammation.
- (b) Explain Pathophysiology of Hypertension.
- (c) Illustrate different types of epilepsy. Explain its pathogenesis.
- (d) Describe basic principle of wound healing in skin.
- (e) Explain the pathophysiology of AIDS.
- (f) Discuss causative agent, Mode of transmission and pathogenesis of Leprosy
- (g) What is Peptic Ulcer. Discuss its pathogenesis.