

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

**Time: 3 Hours**

**Total Marks: 75**

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

**SECTION A**

- 1. Attempt all questions in brief. 10 x 2 = 20**
- (a) What do you mean by atrophy&hyperplasia?
  - (b) Write the causative agent of Urinary tract infections.
  - (c) What is alpha & beta thalassemia?
  - (d) Define hepatitis and give various types of hepatitis.
  - (e) Give the causative agent of typhoid.
  - (f) What do you mean by Hand foot syndrome?
  - (g) Define diabetes and give the factors responsible for diabetes.
  - (h) What do you mean by stroke?
  - (i) Define cell injury & adaptation.
  - (j) Define acidosis and alkalosis.

**SECTION B**

- 2. Attempt any twoparts of the following: 2 x 10 = 20**
- (a) Define hypertension and explain the renin angiotensin aldosterone synthesis (RAAS) role in its pathogenesis.
  - (b) Describe the pathophysiology of AIDS and its complications.
  - (c) Define cancer and explain the pathophysiology of cancer in detail.

**SECTION C**

- 3. Attempt any fiveparts of the following: 7 x 5 = 35**
- (a) Explain the pathophysiology and causes of cell injury.
  - (b) Write a note on peptic ulcer.
  - (c) What is Asthama? Describe its pathogenesis and consequences.
  - (d) Write a detailed note on tuberculosis.
  - (e) Discuss the pathophysiology of acute and chronic renal failure.
  - (f) Write an exhaustive note on epilepsy.
  - (g) Discuss the Pathophysiology of sickle cell anemia.