

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.