

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

<https://pharmacyindia.co.in/>

- 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.

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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

<https://pharmacyindia.co.in/>

- 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.