



PAPER ID-411051

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Subject Code: BP204T

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**BPHARMA**  
**(SEM II) THEORY EXAMINATION 2023-24**  
**PATHOPHYSIOLOGY**

**TIME: 3 HRS****M.MARKS: 75**

**Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.

**SECTION A****1. Attempt all questions in brief.****10 x 2 = 20**

a.	Interpret sign and symptoms of angina pectoris.
b.	Define cell injury.
c.	Differentiate between megaloblastic anemia and sickle cell anemia?
d.	Discuss the sign and symptoms of typhoid.
e.	What is the role of interleukins in inflammation process.
f.	Give a short note on hypothyroidism and possible reasons for its development.
g.	Mention the causes of rheumatoid arthritis.
h.	Give the causative agent of leprosy.
i.	Write a note on chronic renal failure.
j.	Write the risk factors of gout.

**SECTION B****2. Attempt any two parts of the following:****2 x 10 = 20**

a.	Write an exhaustive note on pathogenesis of diabetes
b.	Discuss in detail pathophysiology of Asthma.
c.	Define cancer.Explain the pathophysiology of cancer.

**SECTION C****3. Attempt any five parts of the following:****7 x 5 = 35**

a.	Discuss pathogenesis and complications of hypertension.
b.	Define Anemia. Elaborate Iron Deficiency Anemia.
c.	Discuss chemical mediators involved in the process of inflammation.
d.	Explain the pathophysiology of tuberculosis.
e.	What is cellular adaption? Discuss atrophy and hypertrophy with examples.
f.	Explain the pathophysiology of AIDS.
g.	Define hepatitis. What are its various types? Explain them in detail.