



Paper id: 252372

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Subject Code: BP204T

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BPHARM
(SEM II) THEORY EXAMINATION 2024-25
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.	Define apoptosis and mention one example.
b.	Differentiate between hypertrophy and hyperplasia with one example.
c.	List any two chemical mediators of inflammation.
d.	Mention any two causes of cellular injury.
e.	List two pathophysiological features of myocardial infarction.
f.	Mention any two symptoms of acute renal failure.
g.	List two clinical features of iron deficiency anemia.
h.	State two types of endocrine disorders associated with thyroid dysfunction.
i.	Mention two types of hepatitis and their mode of transmission.
j.	Define wound healing and name two stages involved.

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

a.	Describe the mechanisms of cell injury. Explain reversible and irreversible injury with examples.
b.	Discuss the pathophysiology, signs, and progression of Parkinson's disease.
c.	Explain the etiology, types, clinical features, and prevention of hepatitis.

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

a.	Compare and contrast atrophy, hypertrophy, and hyperplasia with examples.
b.	Describe the inflammatory response with emphasis on vascular changes and WBC migration.
c.	Explain the pathogenesis of cellular injury focusing on mitochondrial and nuclear damage.
d.	Discuss the causes and clinical manifestations of chronic renal failure.
e.	Explain the hormonal imbalance and complications associated with diabetes mellitus.
f.	Differentiate rheumatoid arthritis from osteoarthritis in terms of cause and pathophysiology.
g.	Outline the stages of carcinogenesis and describe the key cancer-causing factors.