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BPHARM
(SEM VI) THEORY EXAMINATION 2023-24
PHARMACOLOGY III – THEORY

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.	What do you understand by toxicology?
b.	Demonstrate the regulation of acid secretion by gastric parietal cell diagrammatically.
c.	Enlist common problems associated with the use of antimicrobial agents.
d.	Give various mechanisms of laxatives.
e.	Describe mechanism of cotrimoxazole.
f.	Compare expectorants and antitussives.
g.	Explain mechanism of azole for antifungal activity.
h.	Classify antiviral drugs.
i.	Define genotoxicity.
j.	What do you understand by chronotherapy? Explain the uses of the same.

SECTION B

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

a.	Enlist antimalarial drugs. Explain mechanism, pharmacological action and side effects of chloroquine.
b.	Classify antitubercular agents. Illustrate pharmacology of isoniazid.
c.	Classify various drugs for bronchial asthma. Give pharmacology of methyl xanthines.

SECTION C

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

a.	Classify anti-ulcer drugs. Write pharmacology of proton pump inhibitors.
b.	Classify various beta-lactams. Explain mechanism, pharmacological action and uses of penicillin.
c.	Discuss pharmacology of tetracycline.
d.	Illustrate pharmacology of prokinetic drugs among antiemetics.
e.	Classify anti-diarrhoeal drugs. Discuss treatment of diarrhoea.
f.	Discuss signs, symptoms, and management of morphine poisoning.
g.	Classify Immunosuppressants. Discuss mechanism and interactions of cyclosporine.