



PAPER ID-411561

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Subject Code: MPL201T

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MPHARM
(SEM II) THEORY EXAMINATION 2023-24
ADVANCED PHARMACOLOGY-II

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 is the mechanism of action of streptomycin?
b.	Explain the molecular mode of mechanism of penicillin
c.	How is chronotherapy applied in the treatment of ulcer?
d.	What is prokinetics?
e.	Suggest a method of control patients suffering from penicillin allergy
f.	What are the various types of hypersensitivity reactions?
g.	How does drug affect calcium regulation in our body?
h.	Classify antithyroid agents.
i.	Suggest two antiemetic drugs with their mode of action.
j.	What are the various drugs used orally as contraceptives?

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

a.	Discuss the problem of drug resistance in the current context. Enumerate some methods to control drug resistance
b.	How are free radicals generated? Enumerate the role of free radicals in neurodegenerative diseases
c.	Explain the molecular mechanism of action of growth hormone. Justify its adverse drug reactions and therapeutic uses

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

a.	Suggest the various antitubercular drugs used along with the mode of actions and side effect.
b.	Explain the role of chemotherapeutic agents in the control of cardiovascular diseases
c.	Describe molecular mechanism of actions of any one important antifungal agent
d.	Give a detailed account on irritable bowel syndrome and its treatment
e.	Highlight some recent advances in the treatment of Alzheimer's disease
f.	Discuss the cellular and biochemical mediators of inflammation or allergic reaction
g.	Write short notes on Immunosuppressants and immunostimulants