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BPHARM
(SEM IV) THEORY EXAMINATION 2024-25
PHARMACOLOGY I – 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.	Describe the term 'Agonist'.
b.	Define the term 'Drug'.
c.	Discuss adverse drug reactions.
d.	Comment on Pharmacovigilance.
e.	Write a brief note on Acetylcholine.
f.	What are neuromuscular blocking agents?
g.	Describe the term GABA.
h.	Share your views on role of dopamine in CNS.
i.	Discuss opioid analgesics.
j.	Define tolerance.

SECTION B

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

a.	What do you understand by Pharmacokinetics? Discuss the various mechanisms of drug absorption.
b.	Explain G protein coupled receptors.
c.	Write a detailed note on anti-epileptic drugs.

SECTION C

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

a.	Summarize the various routes of drug administration.
b.	Outline the various phases of clinical trials.
c.	Describe Parasympathomimetics.
d.	Write down the classification of drugs used in myasthenia gravis and glaucoma.
e.	Describe sedatives class of drug with examples involving mechanism of action.
f.	Explain drugs used in Parkinson's disease.
g.	Comment on : i. Antipsychotics ii. Antidepressants