Subject Code: RPH524

PAPER ID-311137

Roll No: | | | | | | | | | | | | | |

BPHARM

(SEM V) THEORY EXAMINATION 2023-24

PHARMACOLOGY-I (PHARMACOLOGY & TOXICOLOGY)

TIME: 3 HRS **M.MARKS: 70**

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

SECTION A

1. Attempt *all* questions in brief. 2 x 7 = 14

a.	Define toxicity
b.	How do disulfiram exhibits its mechanism of action
c.	What is Myastheria gravis?
d.	How do benzodiazepines act in our body?
e.	Give justification for the use of adrenaline with local anesthetics.
f.	Suggest some examples of ganglion stimulants.
g.	Mention the uses of ganglion blockers

SECTION B

2. Attempt any *three* of the following: 7 x 3 = 21

a.	Classify the various types of receptors and explain their uses.
b.	Explain the various factors modifying drug action.
c.	Write short note on parasympatholytic drugs
d.	Classify opioids. Write pharmacological action, adverse drug reaction of morphine.
e.	Classify various categories of skeletal muscle relaxants. Explain their mode of action with examples.

SECTION C

3. Attempt any *one* part of the following: 7 x 1 = 7

a.	Explain the various routes of drug administration. Suggest the advantages of various routes .
b.	Discuss the factors affecting drug absorption.

4. Attempt any *one* part of the following: 7 x 1 = 7

a.	Explain the various steps and challenges of new drug discovery .
b.	Explain glaucoma and their ways to treat.

5. Attempt any *one* part of the following: 7 x 1 = 7

a.	Classify centrally acting muscle relaxant drugs and explain their mechanism of action with examples.
b.	Classify antiepileptic drugs and explain their mechanism of action with examples.

6. Attempt any *one* part of the following: 7 x 1 = 7

a.	Write in detail about classification, pharmacological action and uses of atropine
b.	Write in detail about classification, pharmacological action and uses of nicotine

7. Attempt any *one* part of the following: 7 x 1 = 7

a.	Classify drugs used to treat Parkinsonism.
b.	Write short notes on heavy metal poisoning