Subject Code: BP503T

PAPER ID-311136

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

BPHARM
(SEM V) THEORY EXAMINATION 2023-24
PHARMACOLOGY II – 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 starling's law.
b.	Give mechanism of action and uses of statins.
c.	Demonstrate treatment approaches for hypovolemic shock.
d.	Compare newer H1-antihistaminics with first-generation antihistaminic drugs.
e.	Define and classify autocoids.
f.	Investigate the effect of parathormone and calcitonin in calcium balance.
g.	Classify various endocrine glands and their hormones.
h.	Define tocolytics and classify them.
i.	Give mechanism of colchicine against gout.
j.	Give principle and applications of bioassay.

SECTION B

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

a.	Classify anticoagulants. Explain the mechanism, pharmacological action, adverse reactions and interactions of warfarin.
b.	Classify NSAIDs. Discuss pharmacology of aspirin.
c.	Illustrate the synthesis, release, regulation and pharmacological actions of thyroid hormone.

SECTION C

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

a.	Explain mechanism of action, uses and interactions of digitalis.
b.	Define hematinics. Write a note on maturation factors.
c.	Classify oral hypoglycemics. Discuss mechanism and pharmacological actions of sulfonylureas.
d.	Enlist diuretic drugs. Give mechanism, pharmacological actions and uses of thiazides.
e.	Classify antirheumatics. Explain pharmacology of probenecid.
f	Discuss various oral contraceptives with their mechanisms.
g.	Discuss any two methods for bioassay of d-tubocurarine.