PAPER ID-410124

Subject Code: BP503T

Roll No:

B PHARM
(SEM V) THEORY EXAMINATION 2021-22
PHARMACOLOGY II

Time: 3 Hours *Total 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.	Discuss starling's Law.
b.	Enlist drugs acting on Renin-angiotensin system.
c.	Aspirin can be used as antiplatelet drug. Justify.
d.	Compare spironolactone and amiloride.
e.	Define autacoids and classify them.
f.	How colchicine is effective in improving gout?
g.	Classify hormones secreted from pituitary glands.
h.	Explain the hormonal control of insulin release.
i.	What do you understand by anabolic steroids? Give examples.
j.	Summarize applications of bioassay.

SECTION B

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

a.	Enlist antihypertensive drugs. Give pharmacology of nitrates.
b.	Classify diuretics. Give mechanism, pharmacological actions, side effects, uses and limitations of furosemide.
c.	What are various thyroid inhibitors. Explain pharmacology of thioamides.

SECTION C

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

a.	Discuss the detailed pharmacology of digoxin.
b.	Classify antihyperlipidemic drugs. Explain mechanism and side effects of statins.
c.	Describe physiological and pathophysiological roles of prostaglandins.
d.	Write pharmacological action, adverse drug reaction, uses and interaction of aspirin.
e.	Classify antihyperglycemic drugs. Discuss mode of action of sulfonylurea.
f.	Describe the pharmacology of oxytocin.
g.	Discuss bioassay of insulin.

https://www.aktuonline.com