

QP CODE: 112328

Reg. No:.....

**First Semester M.Pharm Degree Supplementary Examinations
January 2021
M.Pharm (Pharmacology)**

**Paper II – Advanced Pharmacology I (MPL 102T)
(Common for 2017 and 2019 Scheme)**

Time: 3 Hours

Total Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Classify antiplatelet agents. Explain their mechanisms of action, adverse reactions and therapeutic uses
2. Classify antihypertensive drugs. Explain their mechanisms of action and adverse effects
3. Explain the factors affecting drug distribution and elimination

Short Notes

(9x5=45)

4. Central neurotransmitters
5. Classify anti hyperlipidemic agents. Describe the mechanism of action and therapeutic uses of statins
6. Explain how spironolactone acts as K⁺ sparing diuretic
7. Classify antiepileptic agents. Describe the mechanism of action and adverse effects of phenytoin
8. Classify sympatholytic agents and describe their therapeutic uses
9. Central analgesics
10. Explain the signal transduction mechanism of G-protein coupled receptors
11. Explain the pathophysiological role of serotonin
12. Drugs acting on neuromuscular junction
