

QP CODE: 112328

Reg. No:.....

**First Semester M.Pharm Degree Supplementary Examinations July 2025
M.Pharm (Pharmacology)**

Paper II – Advanced Pharmacology I (MPL 102T)

(Common for 2019 and 2024 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. Discuss the pharmacology of Barbiturates and Benzodiazepines.
2. Describe the factors affecting drug absorption.
3. Classify antihypertensive agents. Discuss the pharmacology of calcium channel blockers.

Short Notes

(9x5=45)

4. Fibrinolytic agents.
5. Pharmacokinetic models.
6. Pharmacology of Muscarinic receptor antagonists.
7. Physiological and pathological role of Prostaglandins.
8. Quantification of drug receptor interaction and its effects.
9. Synthesis, storage, release and fate of Adrenaline.
10. What is mania. Explain the pharmacology of lithium carbonate.
11. Non-narcotic analgesic drugs.
12. Discuss the importance of Protein Binding in drug distribution.
