

First Semester M.Pharm Degree Regular/Supplementary Examinations
June 2024
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. Explain the types of dopamine receptors. Write a detailed note on the pharmacology of antipsychotics
2. Discuss the structural and functional families of drug receptors with examples
3. Classify antihypertensives. Write a detailed note on the pharmacology of diuretics

Short Notes

(9x5=45)

4. Concept of linear compartment models
5. Pharmacology of low molecular weight heparin
6. Significance of enzyme induction in drug metabolism
7. Pharmacotherapy of Parkinson's disease
8. Pharmacology of aspirin
9. Physiological and pathological role of serotonin
10. Newer antiepileptic drugs
11. Differentiate between depolarising and non depolarising skeletal muscle relaxants
12. Pharmacology of calcium channel blockers
