

QP CODE: 112328

Reg. No:.....

**First Semester M.Pharm Degree Supplementary Examinations July 2023
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. Discuss the structure and types of opioid peptides. Elaborate on the pharmacology of morphine
2. With a neat labelled diagram explain the role of renin angiotensin aldosterone system in regulation of blood pressure and drugs modulating it
3. Explain the principle involved in drug absorption by various routes of administration

Short Notes

(9x5=45)

4. Management of Alzheimer disease
5. Mechanism of action of antiplatelet drugs
6. Pharmacology of atropine
7. Dales vasomotor reversal
8. Physiological and pathological role of histamine
9. Concept of non-linear compartment models
10. Describe briefly about the G-protein coupled receptors
11. Neurohumoral transmission of GABA
12. Clinical applications of local anaesthetics
