

QP Code: 101112

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Pharmacology
(MD) January 2025**

Paper I – General Pharmacological Principles and Applied Sciences

Time: 3 hrs

Max marks:100

- *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*

Essay:

(20)

1. Describe the molecular mechanisms of drug action with examples.

Short essays:

(8x10=80)

2. Discuss the variation in clinical pharmacokinetic parameters as seen in pediatric & geriatric age group
3. Fixed dose combination of drugs.
4. Dose response curves and their significance.
5. Adverse drug reactions.
6. Chronopharmacology.
7. Drug dependence.
8. Translational medicine.
9. Various techniques used in gene therapy.
