

QP Code: 101112

Reg. No.:.....

**PG Degree Supplementary Examinations in Pharmacology (MD)
July 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 drug metabolizing enzyme induction and inhibition. Write a note on its clinical implications.

Short essays: (8x10=80)

2. Drug-drug interactions and their clinical implications.
3. Blood Brain Barrier and its role in pharmacology.
4. Principles of treatment of drug poisoning.
5. Non linear pharmacokinetics.
6. Factors modifying drug action.
7. Auto receptors.
8. Genetic polymorphisms influencing drug response.
9. Evidence based medicine.
