

QP Code: 101112

Reg. No.:.....

**PG Degree Supplementary Examinations in Pharmacology (MD)
April 2026**

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 various types of Adverse Drug Reactions with suitable examples

Short essays: (8x10=80)

2. Role of pharmacogenomics in drug development
3. Significance of Nuclear receptors
4. Outline the key historical milestones in the development of Pharmacology
5. Critically appraise the clinical implications of fixed dose combinations
6. Explain the implications of renal disease on drug dosing
7. Explain compartment models and clinical significance of volume of distribution
8. Explain drug antagonism with suitable examples
9. Plasma half life and its clinical significance
