

QP Code: 101112

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Pharmacology
(MD) June 2024**

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. Discuss the various receptor signal transduction mechanisms with suitable examples.

Short essays:

(8x10=80)

2. Kinetics of elimination and their clinical applications.
3. Volume of distribution and factors affecting the same.
4. Novel drug delivery systems.
5. Factors influencing rational drug prescribing.
6. Principles of drug therapy in geriatrics.
7. Evidence based medicine.
8. Photosensitivity reactions.
9. Pharmacogenomic tests for drug responsiveness.
