

QP Code:104112

Reg. No.:.....

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

Paper IV - Clinical Pharmacology and Recent Advances

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 typical characteristics of the phases of clinical trials. Explain the features of an ideal randomized controlled trial.

Short essays:

(8x10=80)

2. Spontaneous ADR reporting and causality assessment.
3. Recent advances in the treatment of bipolar disorder.
4. Institutional ethics committee.
5. Drug utilization studies.
6. High Performance Liquid Chromatography.
7. Biosimilars.
8. Rational drug prescribing.
9. Drug information centre.
