

QP Code:104112

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Pharmacology
(MD) July 2023**

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. Discuss the salient features of Pharmacovigilance Program of India (PvPI). Add a note on “signal detection”.

Short essays:

(8x10=80)

2. Essential drug concept.
3. Academic clinical trial.
4. Vaccines for COVID-19.
5. Liquid Chromatography Mass Spectrometry.
6. Pharmacogenomics.
7. Categories of risk and types of ethics committee review as per the ICMR Guidelines 2017.
8. Therapeutic drug monitoring.
9. Chimeric antigen receptor T cells and their therapeutic applications.
