

PG Degree Supplementary Examinations in Pharmacology (MD)
January 2024

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. Define new drug as per the New Drugs and Clinical Trials Rules 2019. Describe the constitution, functions and registration of Institutional Ethics Committee which supervises industry sponsored clinical trials.

Short essays:

(8x10=80)

2. Materiovigilance Program of India.
3. Post-trial access (PTA).
4. Serious Adverse Event and its reporting timelines in a clinical trial.
5. High performance liquid chromatography.
6. Good Clinical Practice.
7. Pharmacotherapy of heart failure with reduced ejection fraction.
8. Therapeutic drug monitoring.
9. Janus Kinase (JAK) inhibitors in rheumatoid arthritis.
