

PG Degree Supplementary Examinations in Pharmacology (MD)
January 2024

Paper II - Systematic Pharmacology, Chemotherapy and Therapeutics

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 pharmacology of antiretroviral drugs. Add a note on post-exposure prophylaxis of HIV infection following needle stick injury.

Short essays:

(8x10=80)

2. Management of hypertensive emergencies.
3. Pharmacokinetics of inhalational anesthetics.
4. Parenteral iron therapy.
5. Neurokinin (NK1) receptor antagonists.
6. TNF-alpha inhibitors and their therapeutic uses.
7. Vasopressin analogs and their therapeutic uses.
8. Atropine substitutes and their clinical applications.
9. Role of denosumab and teriparatide in the treatment of osteoporosis.
