

PG Degree Supplementary Examinations in Pharmacology (MD)
November 2022

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 structure activity relationship of catecholamines with suitable examples.

Short essays: **(8x10=80)**

2. Bio-equivalence
3. Discuss the clinical significance of administration of drugs in geriatric practice
4. Orphan drugs
5. Liposomes in drug delivery
6. Discuss the cytochrome P450 monooxygenase system and its clinical importance
7. Nuclear receptors
8. Chronopharmacology
9. Translational medicine
