

QP Code: 101112

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Pharmacology
(MD) May 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 various types of drug transport and briefly explain the factors modifying drug absorption

Short essays:

(8x10=80)

2. Geriatric pharmacology
3. Circadian rhythm and their effects on drug action
4. Discuss how various genetic factors can influence drug action. What is gene therapy
5. Discuss the role of enzymes in drug action
6. Targeted drug delivery
7. Zero order kinetics
8. Explain the current concept of drug dependence
9. Fixed Dose Combinations
