

QP Code: 101112

Reg. No.:.....

**PG Degree Supplementary Examinations in Pharmacology (MD)
October 2018**

Paper I – General Pharmacological Principles and Applied Sciences

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Describe the pharmacology of membrane transporters with special reference to tissue distribution, pharmacokinetics and pharmacodynamics.

Short essays:

(8x10=80)

2. Geriatric pharmacology
3. Apoptosis
4. Orphan drugs
5. Structure activity relationship of corticosteroids
6. Drugs modulating CYP2C19 enzyme activity
7. Non-linear pharmacokinetics and its clinical importance
8. Chronopharmacology
9. Nano medicine
