

QP Code: 101112

Reg. No.:.....

**PG Degree Supplementary Examinations in Pharmacology (MD) -
November 2017**

Paper I – General Pharmacological Principles and Applied Sciences

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Discuss in detail the various types of receptors and the drugs modulating them.

Short essays: (8x10=80)

2. Pharmacovigilance.
3. Structure activity relationship of catecholamines.
4. Pharmacogenomics.
5. Non renal drug elimination.
6. Gene therapy.
7. Transdermal drug delivery system.
8. Blood brain barrier.
9. Evidence based medicine.
