

QP Code:104112

Reg.No.:.....

**PG Degree Supplementary Examinations in Pharmacology (MD) -
November 2013**

Paper IV - Clinical Pharmacology and Recent Advances

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Explain the principles and methods in therapeutic drug monitoring (TDM). Using examples describe the clinical applications of TDM

Short essays: (8x10=80)

2. ICMR guidelines for GCP in clinical research
3. Purpose and methods in post marketing surveillance
4. Drugs in neuropathic pain
5. Indian pharmacovigilance program
6. Gene therapy
7. Methods to promote rational drug use
8. Peptides as drugs
9. Newer anticoagulants
