

QP Code:103112

Reg. No.:.....

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

Paper III - Experimental Pharmacology, Bioassay and Statistics

Time: 3 hrs

Max marks:100

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

Essay: (20)

1. Discuss the laboratory animals in pharmacological research

Short essays: (8x10=80)

2. Discuss various experimental techniques used to evaluate for antiepileptic drugs
3. Euthanasia in small animal research
4. ELISA
5. One-way ANOVA
6. Bioassay
7. Toxicity studies
8. Blood withdrawal techniques in small animal research
9. Physiological salt solutions
