

QP Code:103112

Reg.No.:.....

**PG Degree Supplementary Examinations in Pharmacology (MD) -
November 2014**

Paper III - Experimental Pharmacology, Bioassay and Statistics

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Describe the experimental methods used for evaluation of anti-diabetic drugs.

Short essays: (8x10=80)

2. Teratogenicity toxicity testing
3. Merits and demerits of bioassay
4. Alternatives to animal experimentation
5. The nude mouse
6. Radio-immunoassay
7. Chi-square test
8. Sample size calculation
9. Screening methods used for antipsychotic drugs
