

QP Code:103112

Reg.No.:.....

**PG Degree Examinations in Pharmacology (MD) - May 2014**

**Paper III - Experimental Pharmacology, Bioassay and Statistics**

**Time: 3 hrs**

**Max marks:100**

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

**Essays:** (20)

1. Discuss the experimental evaluation of anti diabetic agents in detail

**Short essays:** (8x10=80)

2. ELISA
3. Guinea pig as an experimental animal
4. Physiological salt solutions
5. Animal models for anti ulcer drugs
6. Vilcoxans test
7. Confidence interval
8. Composition of IAEC (Institutional Animal Ethics committee)
9. Bio assay of acetylcholine in isolated smooth muscle

\*\*\*\*\*