

QP Code:103112

Reg.No.:.....

**PG Degree Supplementary Examinations in Pharmacology (MD) -  
November 2016**

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

**Time: 3 hrs**

**Max marks:100**

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

**Essays:** (20)

1. Discuss experimental procedures used in evaluation of psychopharmacological drugs.

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

2. ANOVA.
3. Transgenic animals.
4. Radio immunoassay.
5. Composition and functions of human ethics committee.
6. ELISA.
7. Bioavailability and bioequivalence studies.
8. Polymerase chain reaction.
9. Handling techniques of lab. animals - mice and rat.

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