

QP Code:103112

Reg.No.:.....

**PG Degree Examinations in Pharmacology (MD) - June 2015**

**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-hypertensive drugs.

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

2. Acute toxicity testing of a new drug molecule
3. Concept of individual and cumulative dose response curves
4. Three 'R' in research using animals
5. Transgenic animals
6. Principles of LC-MS
7. Confidence interval
8. Screening methods for anti-inflammatory drugs
9. Evaluation of anti fertility drugs

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