

**QP Code:103112**

**Reg. No.:.....**

**PG Degree Supplementary Examinations in Pharmacology (MD) -  
November 2017**

**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 current status of therapeutic uses of medicinal plants. Describe the methods involved in screening of an herb supposed to have anti-inflammatory activity.

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

2. Physiological salt solutions.
3. Guinea pig as an experimental animal
4. Transgenic animals.
5. Acute toxicity tests.
6. Institutional animal ethics committee
7. Animal models for anti-obesity drugs.
8. Null hypothesis
9. Spectrophotometer

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