

QP CODE: 113328

Reg. No:.....

First Semester M.Pharm Degree Supplementary Examinations July 2019

M.Pharm (Pharmacology)

**Paper III – Pharmacological and Toxicological Screening Methods I
(MPL103T)**

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Briefly explain about the guidelines of CPCSEA to conduct experiment on animals.
2. Briefly explain about the screening methods for anti-inflammatory activity.
3. Briefly explain about the screening methods for anti-ulcer activity

Short Notes

(9x5=45)

4. The mechanism of alloxan and streptozotocin in induction of diabetes
5. Parameters to be evaluated for male anti fertility screening
6. Limitations of animal experimentation
7. DIFFERENT METHODS OF EUTHANASIA FOLLOWED IN EXPERIMENTAL PHARMACOLOGY.
8. Screening methods for anti- arrhythmic drugs
9. Immunoassay for digoxin
10. Transgenic animals
11. Screening of anti-epileptic drugs
12. Screening methods available for anti-diarrheal drugs.
