

QP CODE: 113328

Reg. No:.....

First Semester M.pharm Degree Examinations March 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. Explain the principle, scope, limitation and methods of bioassay.
2. Briefly discuss about the screening methods for anti-psychotic drugs.
3. Briefly discuss about the screening methods for anti-hypertensive drugs

Short Notes

(9x5=45)

4. Radio immune assay for insulin
5. Methods of induction of hepatotoxicity in experimental animals
6. Screening methods for female anti –fertility drugs
7. Evaluation of anti-parkinsonism drugs
8. Usefulness of computer software in experimental pharmacology
9. Composition of IAEC
10. General principles of immunoassay
11. Extrapolation of pre-clinical data to humans
12. In-vitro screening for anti-diabetic activity.
