

QP CODE: 212328

Reg. No:.....

**Second Semester M. Pharm Degree Regular/Supplementary Examinations
November 2024**

M.Pharm (Pharmacology)

**Paper II: Pharmacological and Toxicological Screening Methods II
(MPL 202T)**

(Common for 2017 and 2019 Scheme)

Time: 3 Hours

Total Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Describe in detail the reproductive toxicity studies as specified in the ICH guidelines.
2. Describe in detail the OECD principles of Good laboratory practice(GLP).
3. Explain in detail about various methods of evaluation of Toxicokinetics in preclinical studies.

Short Notes

(9x5=45)

4. Write in detail about Toxicity studies specified in EPA guidelines.
5. Write the importance of IND enabling studies in drug development process.
6. HERG assay.
7. Briefly explain Regulatory guidelines of schedule Y.
8. Write the test item characterization in regulatory toxicology studies.
9. Renal safety pharmacological studies.
10. Write note on dermal irritation employing OECD guidelines.
11. Write notes on assessing G.I toxicity studies.
12. Write notes on importance and application of Toxicokinetics.
