

Sl.No: M19514

Course Code: MPL202T

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

**M.PHARM. DEGREE EXAMINATION – December 2018
Second Semester**

BRANCH : PHARMACOLOGY

**PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING
METHODS - II**

Time : Three hours

Maximum: 75 marks

SECTION –A

I. Answer any **THREE** questions: **(3 x 15 = 45)**

1. Define safety pharmacology. Explain the concepts and importance of safety pharmacology
2. Elaborate in detail reproductive toxicity studies
3. Discuss about OECD principles of GLP
4. Write note on in vivo and in vitro micronucleus and chromosomal aberration studies

SECTION –B

II. Answer any **THREE** questions: **(3 x 10 = 30)**

5. Explain in detail about schedule Y drugs
6. Write a note on IND and its applications
7. Mention the alternative methods of animal toxicity studies in detail
8. Discuss Ames test
