

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

M.PHARM. DEGREE EXAMINATION – JANUARY 2021

Second Semester

BRANCH: PHARMACOLOGY

**PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING
METHODS - II**

Time : Three hours

Maximum: 75 marks

**(Draw neat labeled diagrams wherever necessary
your answer should be specific to the questions asked)**

SECTION –A

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

1. Discuss the responsibilities of test facility organization and personal in good laboratory practice (GLP).
2. Write elaborately on various oral toxicity studies as per OECD guidelines.
3. Discuss the assessment of new drug safety as per ICH guidelines.
4. With suitable examples describe the alternative methods to animal toxicity testing.

SECTION –B

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

5. Write notes on Acute Eye Irritation study.
6. What is Teratogenicity. Discuss a suitable method to perform teratogenicity studies.
7. Write briefly on the importance and applications of toxicokinetics.
8. Elaborate the practical skills required to conduct the preclinical toxicity studies.