

Sl.No: M21140

Course Code: MPL103T

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

**M.PHARM. DEGREE EXAMINATION – September 2021
First Semester**

BRANCH: PHARMACOLOGY

**PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING
METHODS - I**

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. Explain in detail the CPCSEA guidelines for laboratory animal facility.
2. Explain the screening of antiepileptic agents.
3. Explain the in vivo and in vitro screening methods for anti- asthmatics agents.
4. Anti- cancer in vitro screening methods.

SECTION –B

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

5. Screening methods for anti- fertility.
6. Immunoassay for insulin.
7. Morris water Maze test.
8. Shay rat model.
