

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MPHARM 0921]

**SEPTEMBER 2021
(OCTOBER 2020 EXAM SESSION)**

Sub. Code: 2986

**M.PHARMACY DEGREE EXAMINATION
SEMESTER-II (PCI New regulations 2016)
PHARMACOLOGY - MPL**

**PAPER II – PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING METHODS - II
*Q.P. Code : 262986***

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the regulatory aspects for conducting toxicity studies.as per OECD guidelines.
2. a) What is IND and its importance.
b) What are the document to be submitted to the regultory authorites as per schedule Y before carring out the clinical trials of a new drug in India.

II. Write notes on:

(7 x 5 = 35)

1. Toxicity studies specified in EPA guidelines.
2. Good laboratory practices.
3. Invivo methods of Carcino genicity.
4. Write about invivo methods of assessing male reproductive toxicity studies.
5. Toxicokinetics.
6. Explain about Anti Anxiety test.
7. Alternative methods involved in toxicity studies.
