

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

[MPHARM 0122]

**JANUARY 2022
(APRIL 2021 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. Elaborate details on Alternates for Animal toxicity models.
2. Explain in detail the reproductive toxic studies as per specified in ICH guidelines.

II. Write notes on:

(7 x 5 = 35)

1. Alternative methods to evaluate genotoxicity.
2. Write a note on reproductive toxicology.
3. Adverse event reporting in clinical trials.
4. ICH Guidelines.
5. Toxicity studies specified in **EPA** guidelines.
6. Explain about in-vivo carcinogenicity studies.
7. Give the concept and importance of drug development.
