

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

[LQ 0121]

JANUARY 2021

Sub. Code: 2986

(APRIL 2020 EXAM SESSION)

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. Describe regulatory guidelines for conducting toxicity studies as per schedule – Y.
2. Describe detail concepts and importance of safety pharmacology.

II. Write notes on:

(7 x 5 = 35)

1. Alternative methods to animal toxicity studies.
2. Principles of toxicokinetics.
3. Write briefly ICH guidelines toxicity studies.
4. Acute eye irritation toxicity studies.
5. *In vivo* methods of genotoxicity studies.
6. Assessing renal toxicity studies.
7. *In vivo* methods of assessing female reproductive toxicity studies.
