

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

**[M.PHARM 0922]**

**SEPTEMBER 2022  
(APRIL 2022 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 OECD principles of Good Laboratory Practice.
2. Describe the CNS safety pharmacology studies.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Write notes on mechanistic and regulatory toxicology.
2. Discuss the regulatory guidelines of Schedule Y.
3. Explain the test item characterization in regulatory toxicology studies.
4. Write notes on saturation kinetics.
5. Eye irritation studies employing OECD guideline 405.
6. Explain female reproductive toxicity studies.
7. Discuss on the renal safety pharmacology studies.

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