

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

[LP 986]

NOVEMBER 2019

Sub. Code: 2986

**M.PHARM. DEGREE EXAMINATION**  
**(PCI New regulations 2016)**  
**SEMESTER-II**  
**BRANCH-VI – PHARMACOLOGY – MPL**  
**PAPER II – PHARMACOLOGICAL AND TOXICOLOGICAL**  
**SCREENING METHODS – II**

*Q.P. Code : 262986*

**Time : Three hours**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Explain the new drug safety assessment as per ICH guidelines.  
b) What is the regulatory toxicology?
2. a) Describe the experimental considerations for toxicity assessment on humans.  
b) Give an account of dermal toxicity.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Write about the clinical signs toxicity.
2. Write a note on reproductive toxicology.
3. Allergenicity testing.
4. Good Laboratory Practice (GLP).
5. Xenobiotics.
6. Immunotoxicity.
7. Toxicokinetics.

\*\*\*\*\*