

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

**[M.PHARM 0922]**

**SEPTEMBER 2022  
(APRIL 2022 EXAM SESSION)**

**Sub. Code: 2983**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - I (PCI New regulations 2016)  
PHARMACOLOGY – MPL  
PAPER III – PHARMACOLOGICAL AND TOXICOLOGICAL  
SCREENING METHODS – I**

*Q.P. Code : 262983*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the various methods employed in the screening of Antihypertensive drugs.
2. Discuss the various methods employed in the screening of Antiepileptic drugs.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Explain two invitro screening methods of Anticancer drugs.
2. Write about the principles and types Bioassays.
3. General principles of Immunoassay agents.
4. Maintenance and breeding of laboratory animals.
5. Write any two in-vivo screening methods of Antiasthmatic drugs.
6. Important screening models for Immunosuppressant drugs.
7. Explain the advantages of Alternative experimental models.

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