

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

**[M.PHARM 0823]**

**AUGUST 2023  
(APRIL 2023 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. Discuss the various invivo and invitro methods employed in the screening of Anti-inflammatory agents.
2. Discuss the various methods employed in the screening of Anti-Epileptic agents.

**II. Write notes on:**

**(7 x 5 = 35)**

1. In-vitro method for the screening of Parasympathomimetic drugs.
2. Write any two invivo screening methods for anti-hypertensive drugs.
3. Immuno assay for digoxin.
4. Enumerate the screening method of drugs used in Alzheimer's disease.
5. Animal Models employed in the screening of Analgesic agents.
6. Write two In-vitro screening method for anticancer drugs.
7. Various breeding methods of laboratory animals.

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