

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

[LP 983]

NOVEMBER 2019

Sub. Code: 2983

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

Q.P. Code : 262983

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the various methods employed in the screening of Anti-Epileptic agents.
2. Discuss the various *invivo* and *invitro* methods employed in the screening of Anti-inflammatory agents.

II. Write notes on:

(7 x 5 = 35)

1. Write important screening methods for anxiolytic drugs.
2. Maintenance and breeding of laboratory animals.
3. Write two *invitro* screening method for anticancer drugs.
4. Write two *Invivo* screening method for anti-ulcer drugs.
5. Various screening methods for Hepatoprotective agents.
6. Various screening methods for Anti-pyretic agents.
7. Explain the principle and types of bio-assay.
