

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

[LO 983]

MAY 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. Explain in detail the different *invivo* models employed in the screening of Anti-Arrhythmic agents.
2. a) What are the methods of evaluation of immune assay agents?
b) Role of transgenic animal model in practical research.

II. Write notes on:

(7 x 5 = 35)

1. *In-vitro* method for the screening of sympathomimetic drugs.
2. Write any two *invivo* screening methods for anti-hypertensive drugs.
3. Enumerate the screening method of drugs used in Alzheimer's disease.
4. Animal models employed in the screening of Analgesic agents.
5. Animal models employed in the screening of diuretic agents.
6. Important screening models for immuno suppressant drugs.
7. Enumerate anti psychotic drugs screening methods.
