

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

[LP 351]

OCTOBER 2019

Sub. Code: 2912

**M.PHARM. DEGREE EXAMINATION
FIRST YEAR
BRANCH IV – PHARMACOLOGY
PAPER III – BIOLOGICAL STANDARDISATION AND PHARMACOLOGICAL
SCREENING METHODS**

Q.P. Code : 262912

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. The various screening methods for drugs used in gastric ulcer.
2. Explain the various models used in antihypertensive screening.

II. Write notes on:

(10 x 6 = 60)

1. One chronic and one acute screening model for inflammation.
2. Maximal electro shock (MES) – induced seizures model.
3. Invitro method for the screening of immunosuppressants.
4. Techniques for blood collection in the laboratory animals.
5. Screening methods for analgesic drugs.
6. One-way ANOVA.
7. Rabbit head drop method.
8. Animal cell lines used in screening techniques.
9. Screening methods of anti-emetic drugs.
10. Lipschitz test.
