

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

[LN 351]

OCTOBER 2018

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 screening methods of anti-anxiety drugs.
2. The various methods employed in the screening of anti-hypertensive agents.

**II. Write notes on:**

**(10 x 6 = 60)**

1. CPCSEA guidelines.
2. Screening methods for drugs used in Asthma.
3. Charcoal meal test.
4. Advantages of Nude mice in experimental pharmacology.
5. Mutagenesis and carcinogenesis.
6. Maintenance of cell lines.
7. Alternative to animal experimental models.
8. Bio-assay of oxytocin.
9. Principles of toxicokinetics.
10. Optimization of immunoassays.

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