

[LI 351]

APRIL 2016

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. a) Enumerate the screening methods of Anti-obesity drugs.  
b) Describe different Antipyretics screening methods.
2. a) Common laboratory animals.  
b) Elaborate screening methods of Diuretic methods.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Write the screening methods for anti asthmatic drugs.
2. Enumerate anti fertility screening methods.
3. Write the screening methods of anti emetics drugs.
4. General principles of immunoassay agents.
5. Genetically prone animal models used in Pharmacological screening.
6. Carcinogenesis and Mutagenesis.
7. Enumerate the advantages of alternative experimental models.
8. Anti cancer in vitro screening methods.
9. Describe the screening methods of hypertensive agents.
10. Write the importance of one way ANOVA (Analysis of variances).

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