

[LD 351]

OCTOBER 2013
M.PHARM. DEGREE EXAMS
FIRST YEAR
BRANCH IV – PHARMACOLOGY
PAPER III – BIOLOGICAL STANDARDISATION
AND PHARMACOLOGICAL SCREENING METHODS
Q.P. Code : 262912

Sub. Code: 2912

Time : 3 hours

Maximum : 100 marks

I. Elaborate on :

(2x20=40)

1. a) Enumerate the screening methods of anti-diarrhoeal drugs.
b) Enumerate anesthesia and euthanasia of commonly used experimental animals.
2. a) What is catatonia ? Enumerate the screening methods for anti parkinsonism drugs.
b) What are the guidelines of CPCSEA (committee for the purpose and supervision on experimental animals) to maintain the animal house.

II. Write notes on :

(10x6=60)

1. Carragenin induced paw edema
2. Eddys hot plate
3. Elevated plus maze,
4. What are the protocol preparations in immunoassay methods evaluation.
5. What are the techniques for blood collection in the laboratory animals
6. Bioassay of d-tubocurarine
7. Enumerate the screening methods for anti diabetic drugs
8. Enumerate the screening methods for free radical scavenging activity
9. Enumerate the screening methods for anti arrhythmics drugs
10. Range finding tests.
