Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 01**

Total No. of Questions : 06

M.Pharmacy(Pharmacology) (2017 & Onwards)   (Sem.–1)
PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING METHODS-I
Subject Code : MPL-103T
Paper ID : [74677]

Time : 3 Hrs.   **Max. Marks: 75**

INSTRUCTIONS TO CANDIDATES :
1. **Attempt any FIVE questions out of SIX questions.**
2. **Each question carries FIFTEEN marks.**

1. a) What is CPCSEA discuss its functions and guidelines for use of laboratory animals.(7.5)

   b) Add a note on anesthetics used in laboratory and euthanasia of experimental animals. (7.5)

2. Discuss in detail about animal models to screen central analgesic activity of an entity, critically indicating merits and demerits of each model. (15)

3. a) Describe any two animal models to screen hepato-protective activity of a molecule.

   b) Write a note on immunoassay Insulin. (8+7)

4. Write an exhaustive note on preclinical screening of drugs for Alzheimer. (15)

5. a) Write a note on Stress ulcer in animals.

   b) Chemically induced diabetes. (7+8)

6. Write notes on following :

   a) Goldblat technique.

   b) Pacing induced arrhythmia. (8+7)