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Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy (Pharmacology) (Sem.-1)
PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING
METHODS-I

Subject Code : MPL-103T

M.Code : 74677

Date of Examination : 17-01-23

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. Write notes on following :

- a) CPCSEA and its role in regulations of experiments on animals
- b) Transgenic animal models
- c) Alternative to animal experiments.

2. a) Enlist various animal models of diabetes and discuss in detail about chemically induced diabetes.
- b) Add a note on genetically induced diabetes.

3. Give a detailed account on preclinical pharmacological screening models for antiulcer agents.

4. Enlist various in-vivo screening models of analgesics and add a critical note on screening of centrally acting analgesics.

5. Write notes on the following :

- a) MPTP induced Parkinsonism
- b) Spontaneous hypertensive rats
- c) Despair swim test.

6. a) Write a critical note on animal models of aggression induced anxiety.
- b) Describe Gold-blatt technique of Reno-vascular hypertension in animals.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.