

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

M.Code : 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. Discuss the following :
 - a) Potential of transgenic animals as tools in drug discovery 8
 - b) Principle of immunoassay for insulin 7
2. Write short notes on :
 - a) Porsolt's swim method 5
 - b) Pyloric ligation induced ulcers 5
 - c) Chemical-induced Arrhythmia 5
3. Discuss briefly :
 - a) Streptozotocin and Alloxan as diabetogens 8
 - b) Morris water maze test for assessment of memory related tasks 7
4.
 - a) Enumerate methods to evaluate analgesic activity of a drug. 10
 - b) Compare plus maze and mirror chamber tests for evaluation of antianxiety activity. 5
5. Write short notes on :
 - a) Goldblatt hypertension 8
 - b) Perphenazine induced catalepsy 7
6. Describe the following :
 - a) Carrageenan-induced paw oedema 7
 - b) Animal models of hyperlipidemia 8

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.

