

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. Write notes on following :
  - a) Immunoassay 5
  - b) GLP 5
  - c) Euthanasia 5
2. Explain in detail preclinical screening of :
  - a) Anti parkinson's drugs 7.5
  - b) Antiulcer agents 7.5
3. Discuss briefly :
  - a) Cytotoxin induced diabetes 5
  - b) Carragenan induced inflammation 5
  - c) Morris water maze 5
4. a) What are hepatoprotective agents? 5  
b) Discuss the screening methods for :
  - i) Hepatoprotective agents. 5
  - ii) Aphrodisiacs agents 5
5. Write notes on following :
  - a) Transgenic animals 7.5
  - b) Two animal model of antihypertensive agents 7.5
6. Define Bioassay. Discuss the principles of bioassay. Explain different methods of bioassay. 15

**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.**

