

Roll No. 

--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy (Pharmacology) (2017 & Onwards) (Sem.-1)  
**PHARMACOLOGICAL & 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 carry FIFTEEN marks.

- |    |  |    |
|----|--|----|
| 1. | a) What is IAEC? Discuss structure and function of IAEC.   | 8  |
|    | b) Add a note on transgenic animals.   | 7  |
| 2. | Discuss one animal model each of acute, sub-acute and proliferative inflammation.                  | 15 |
| 3. | a) Discuss utility of Elevated plus maze-test to evaluate anti-anxiety and memory enhancing drugs. | 7  |
|    | b) Explain any two animal models of Parkinsonism.  | 8  |
| 4. | Write a critical note on animal models of depression.  | 15 |
| 5. | a) Describe any two models of heart failure.   | 8  |
|    | b) Alternatives to animal toxicity testing.  | 7  |
| 6. | Write notes on following :   |    |
|    | a) Streptozotocin induced diabetes.  | 5  |
|    | b) Immuno assay of Digoxin   | 5  |
|    | c) Apomorphine induced stereotypy.   | 5  |

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