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Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy(Pharmacology) (2017 Batch) (Sem.-2)

PHARMACOLOGICAL & TOXICOLOGICAL SCREENING**METHODS-II**

Subject Code : MPL-202T

M.Code : 74944

Time : 3 Hrs.

Max. Marks: 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries FIFTEEN marks.

- Q.1 Write an extensive note on acute and sub-acute toxicity testing as per OECD guidelines with suitable examples and/or flow charts. 15
- Q.2 a. Discuss the origin, concepts and importance of safety pharmacology. 8
b. Elaborate on Tier 1 studies with specific focus on CNS. 7
- Q.3 a. Write a note on alternative methods to animal toxicity testing. 5
b. Discuss the concept of toxicokinetics with suitable examples. 5
c. Describe Ames test. 5
- Q.4 Give a detailed account on ICH guidelines for conducting regulatory toxicity studies. 15
- Q.5 Write short notes on the following :
a. Teratogenicity studies 7
b. IND enabling studies 8
- Q.6 Discuss the following with suitable examples :
a. Eye irritation study 5
b. Male reproductive toxicity testing 5
c. HERG assay 5

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.

