

[illegible]

Total No. of Questions : 06

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

Subject Code : MPL-202T

Paper ID : [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.

1. Explain the importance of IND from industrial perspective. Describe studies required for IND submission.
2. Write detailed note on :
 - a. OECD principles of GPL.
 - b. Alternative to animal toxicity studies.
3. Write a detailed note on reproductive toxicological studies and describe all segments of female reproductive studies.
4. Discuss OECD guidelines for acute, sub-acute and chronic oral toxicity studies.
5. What are safety pharmacology studies and how this concept was originated? What is the importance of safety pharmacology in the drug development process?
6. Write a short note on :
 - a. Importance and implications of toxic-kinetics studies.
 - b. Test items characterization importance in toxicology studies.