

CODE:1214/PCI

FACULTY OF PHARMACY**M. Pharmacy (Pharmacology) II–Semester (PCI) Main Examination,
August 2018****Subject : Pharmacological and Toxicological Screening Methods-II****Time : 3 Hrs****Max. Marks: 75****Note: Answer any five questions. All questions carry equal marks.**

1. Write in detail on OECD guidelines for conducting toxicity studies. 15
2. (a) Describe in detail the flow chart of Preclinical studies. 10
(b) Explain the dermal toxicity studies. 5
3. Write abt the importance & Application of toxico kinetics. 15
4. (a) Write in detail abt safety pharmacology. 8
(b) Discuss in brief tier –I safety pharmacology studies 7
5. Discuss in detail the importance of ICH guidelines for toxicity studies. 15
6. Write a note on
(a) The principles of regulatory toxicology. 7
(b) Alternative to animal models in preclinical toxicology studies. 8
7. (a) Write abt the risk assessment in male reproductive toxicity. 8
(b) Explain the single dose and repeat dose toxicity studies as per OECD guidelines 7
8. (a) Discuss in detail abt IND studies 8
(b) Write a note on determination of LD₅₀ as per OECD- 423 guidelines 7
