

Rajiv Gandhi University of Health Sciences, Karnataka
Second Semester M. Pharm Degree Examination - 19-Mar-2021

[Time: 3 Hours]

[Max. Marks: 75]

Pharmacological and Toxicological Screening Methods - II
Q.P. CODE: 5178

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions

10 X 7.5 = 75 Marks

1. Enlist the various types of toxicology. Explain any two types of toxicology in detail.
2. Describe the OECD guidelines for the acute, sub acute and chronic inhalation studies.
3. Explain Tier 2 renal and GI studies.
4. Discuss Ames test in detail.
5. Describe the concepts and Importance of safety pharmacology studies.
6. Explain Tier 1 CVS safety pharmacology and CNS safety pharmacology.
7. Discuss about alternative methods to animal toxicity testing.
8. Write about in vivo chromosomal aberrations study and explain hERG assay.
9. Discuss the toxicokinetic evaluation in preclinical studies.
10. Explain the OECD guidelines for the dermal studies.

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