

Rajiv Gandhi University of Health Sciences, Karnataka
Second Semester M. Pharm Degree Examination - 30-May-2024

[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. Explain Ames test and chromosomal aberrations studies.
2. List of studies required for IND submission.
3. Write the principle of any two alternative methods for animal toxicity studies.
4. Briefly explain Tier 1-CVS, CNS and respiratory safety pharmacology studies.
5. Briefly explain the salient features of ICH guidelines.
6. Write briefly about in-vivo carcinogenicity study.
7. Importance and applications of toxicokinetic studies.
8. Discuss the principle of limit test, method and procedure of Up-and-down method as per OECD guideline 425.
9. Deliberate the general principles and procedure for the development of Teratogenicity studies.
10. Explain core battery test on nervous system.

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