

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester M. Pharm Degree Examination - 01-Jun-2023

[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. Describe EPA guidelines for conducting toxicity studies.
2. Explain in detail about schedule Y guidelines.
3. Describe in detail about acute, subacute-oral studies as per OECD guidelines.
4. Explain in detail skin sensitization studies.
5. Explain female reproductive toxicity studies (Segment I and Segment III).
6. Explain genotoxicity study by *invitro* and *invivo* micronucleus assay studies.
7. Describe Tier 1-respiratory safety pharmacology studies.
8. Explain Tier 2-GI and Renal studies.
9. Explain saturation kinetics. Write the importance of toxicokinetic studies.
10. Explain in brief about reproductive toxicity studies.

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