

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester M. Pharm Degree Examination - 18-Nov-2022

[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. Discuss the principle limit test, method and procedure of Up-and-Down OECD guideline 425.
2. Deliberate the different alternative methods in animal toxicity screening.
3. Discuss the procedure of detecting and investigating potential undesirable Pharmacodynamics effects of New Chemical Entities (NCE) on CVS.
4. Explain in detail about toxicokinetic techniques in preclinical drug development process.
5. Write a note on safety pharmacology. Write about organ toxicity.
6. Briefly explain the biomarkers used for the assessment on nephrotoxicity.
7. Screening procedure of female reproductive toxicity studies and Male reproductive toxicity studies.
8. Discuss about ICH guidelines and its importance. Add a note on IND.
9. Procedure of in-vivo chromosomal aberration test and Ames test.
10. Explain the test procedure in In-vivo carcinogenicity.

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