

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester M. Pharm Degree Examination - 14-May-2025

[Time: 3 Hours]

[Max. Marks: 75]

PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING METHODS - I

Q.P. CODE: 5135

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 four in-vivo screening methods of anti-depressant drugs.
2. What is Alzheimer's disease? List various screening models for evaluating Alzheimer's drugs and explain any two models.
3. Describe one screening model for antipyretics. Explain Freund's adjuvant arthritis model.
4. List out the screening methods for anti-hypertensive drugs and explain any three methods.
5. Discuss CPCSEA guidelines to conduct experiments on animals.
6. What are transgenic animals? Write note on their applications.
7. Explain screening models to evaluate diuretic activity.
8. Write note on immunoassay of Insulin.
9. Discuss the in-vitro screening models for antidiabetic activity.
10. Discuss the limitations of animal experimentation.

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