

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 09-May-2025

[Time: 3 Hours]

[Max. Marks: 75]

Advanced Pharmacology - I

Q.P. CODE: 5134

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. Define sympathomimetics. Classify them and explain the pharmacology of epinephrine
2. Define sedatives and hypnotics. Classify them. Explain the pharmacology of any one drug.
3. Describe the biosynthesis of histamine, its role and biosynthesis of 5-HT and its role.
4. Classify anticholinesterases with examples and add note on organophosphorus poisoning.
5. Classify anticoagulants with examples. Write the mechanism of action uses, adverse effects of heparin.
6. Classify hypolipidemic drugs and write the mechanism of action and uses of HMG-CoA reductase inhibitor.
7. Classify diuretics. Discuss the mechanism of actions and uses of thiazide diuretics.
8. Type of anemia. Discuss the treatment of megaloblastic anaemia.
9. Write the mechanism of action and pharmacological action of Quinidine.
10. Briefly explain the role of PGs and its antagonist.

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