

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 10-Jun-2024

[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. What is Biotransformation? Explain various reactions involved in biotransformation with suitable examples.
2. Define and classify antihypertensive drugs with examples. Explain the mechanism of action and adverse effects of any one classe of drugs.
3. Define and classify parasympatholytic drugs with examples. Explain the pharmacology of atropine.
4. What are second messengers? Give their physiological importance.
5. Classify the serotonergic antagonist drugs. Write the therapeutic uses of serotonergic antagonist.
6. Mechanism of action, drug interaction and uses of nitrates
7. Write the pharmacology oral anticoagulant.
8. Describe the mechanism of action, uses and adverse reactions of Paracetamol.
9. What are the physiological and pathological roles of Prostaglandins?
10. Classify anticonvulsant with examples. Write the mechanism of action and pharmacology of Phenytoin.

* * * * *