

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 31-May-2023

[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. Describe the factors affecting metabolism of drugs. Explain the concepts of linear compartment model.
2. Define and classify anti-epileptic agents with examples. Explain the mechanism and adverse effects of any one class of drugs.
3. Define and classify diuretics with examples. Explain the mechanism of action and adverse effects of any one class of drugs.
4. Explain in factor affecting absorption of drugs.
5. Classify the 5-HT antagonist drugs. Write the pharmacology of 5-HT antagonist.
6. What are cholinergic agents? Write the pharmacology of acetylcholine.
7. Write the physiology and pathological role of serotonin.
8. Write about cumarin anticoagulants with examples.
9. Write the physiological and pathological role of histamine.
10. What are anti-histamines agents? Write the pharmacology of histamine H₂ receptor blocker.

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