

Rajiv Gandhi University Health and Science
MBBS Phase II Degree Examination
June-2018

Pharmacology Paper 1

100Marks

Your Answers Should Be Specific To The question Asked.

Draw Diagrams Where ever Necessary.

Long Essays

10Marks

1. Classify Andrenergic Blockers. Name the cardio-selective beta blockers. Mention their advantages over non-selective beta blockers. Describe the therapeutic uses of beta blockers.
2. Classify drugs used for hyperlipidemia based on mechanism of action. Describe the advantages and disadvantages of each group.

Short Essays

5Marks

1. Drug Synergism.
2. Pharmacovigilance.
3. Drug therapy/ treatment of glaucoma.
4. Classify skeletal muscle relaxants with examples of each group. Describe the mechanism of action and clinical uses.
5. Route of administration of local anesthetics.
6. Halothane (advantages and disadvantages).
7. Inotropic agents.
8. Low molecular weight heparins.
9. Management of chronic alcoholism.
10. What is drug interaction? Give Examples.

Short Answers

3Marks

1. Per-rectal route of drug administration-three examples, advantages and disadvantages.
2. Pro-Drug two or four examples.
3. Explain Edrophonium test.
4. Nasal Decongestants (name four and list two adverse effects).
5. Sodium Valproate -Mechanism of action, uses, interactions.
6. Atypical antipsychotic agents – name four, mention advantages of them.
7. Give examples for vasodilators used in treatment of congestive cardiac failure and why they are used (rationale).
8. Mention two drugs used for acute attack of classical angina. Describe their mode of administration.
9. Antidote for warfarin sodium overdose and its mechanism of action.
10. Why most of the statins are administered at bedtime.