

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Allied Health Sciences Degree Examination – 26-Nov-2024

Time: Three Hours

Max. Marks: 100 Marks

APPLIED PHARMACOLOGY (RS-3)
(Anaesthesia Technology and Operation Technology)

Q.P. CODE: 3406

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAYS (Question No.2 Choice)

2 x 10 = 20 Marks

1. Classify antihypertensive drugs. Discuss the mechanism of action, uses and adverse effects of ACE inhibitors.
2. Classify general anaesthetics. Discuss the pharmacological actions and adverse effects of halothane.

OR

Classify local anaesthetics. Discuss the pharmacological actions, uses and adverse effects of Lignocaine.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Uses and adverse effects of corticosteroids.
4. Loop diuretics.
5. Morphine.

OR

Aspirin

6. Anti tubercular drugs.
7. Nitroglycerin.
8. Digoxin.
9. Adrenaline.
10. Depolarising blockers

OR

Pre anaesthetic medications.

11. Name two anticoagulants and explain any one. Classify anticoagulants. Discuss uses and adverse effects of anticoagulants.
12. Hypolipidemic drugs.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Anti histamines.
14. Drugs used in status asthmaticus.
15. Uses of diazepam.

OR

Uses of beta blockers.

16. Name any two penicillin preparations and two uses.
17. Mucolytics.
18. Drugs used in shock.
19. Intravenous route.
20. Advantages of inhalational route.

OR

Skeletal muscle relaxants.

21. Osmotic diuretics.
22. Cardioplegic solutions.
