

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Respiratory Care Technology Degree Examination – 13-May-2025

Time: Three Hours

Max. Marks: 100

PHARMACOLOGY (RS-3)

Q.P. CODE: 3398

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Classify drugs used in Bronchial Asthma. Discuss in detail about the drug therapy of status Asthmaticus
2. Classify Local Anesthetics. Discuss the various techniques of Local Anesthetics

OR

Classify antitubercular drugs. Discuss the mechanism of action, therapeutic uses and adverse effects of Rifampicin

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Therapeutic uses of calcium channel blockers
 4. Amiodarone
 5. Warfarin
- OR**
- Nitroglycerine
 6. Centrally acting skeletal muscle relaxants
 7. Therapeutic uses and adverse effects of Gentamicin
 8. Second generation antihistamines
 9. Ketamine
 10. Diazepam
- OR**
- Dantrolene sodium
 11. Bioavailability
 12. Ondansetron

SHORT ANSWER

10 x 3 = 30 Marks

13. Name three drugs used in cough
14. Name three lipid lowering agents
15. Name three Benzodiazepines
16. Name two potassium channel openers and mention its one use
17. Rationale of using adrenaline in anaphylactic shock
18. Mention three contraindications for morphine
19. Mention three uses of aspirin
20. Mention three advantages of doxycycline over tetracycline
21. Name three diuretics
22. Mention three adverse effects on long term use of glucocorticoids