Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Respiratory Care Technology Degree Examination – 03-Nov-2026

Time: Three Hours **Max. Marks: 100 Marks**

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. Discuss the factors modifying drug action
2. What are cardiac glycosides? Explain its pharmacological actions. Write a note on the precautions and contraindications of cardiac glycosides

   OR

   Define general anaesthetics. Explain intravenous anaesthetic agents giving examples

SHORT ESSAYS (Question No 5 & 10 choice) **10 x 5 = 50 Marks**

3. Classify osmotic diuretics, mode of action and indication
4. Classify cephalosporins, mode of action and adverse effect
5. Mucokinetic agents

   OR

   Salbutamol – mode of action, indication and dose
6. Classify immunosuppressive agents. Mention their uses and adverse effects
7. Enlist four antihistaminics along with their uses
8. Nitroglycerin – mode of action, indication and dose
9. Drugs used in electrolyte imbalance
10. Classify Antiemetics

    OR

    Classify Anti-tussive agents
11. Verapamil – mode of action, indication and dose
12. Classify Antithrombolytics and their indication

SHORT ANSWER **10 x 3 = 30 Marks**

13. First line antitubercular drugs
14. Phases of Biotransformation
15. Bland aerosols in respiratory care
16. Types of Iv fluids
17. Drugs used in de-addiction of alcohol
18. Enlist three broad spectrum antibiotics
19. Name any three osmotic diuretics
20. Lignocaine – indication and dose
21. Enlist three antiarrhythmic drugs
22. Contraindications of morphine

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