

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree Examination – 28-Nov-2024

Time: Three Hours

Max. Marks: 100 Marks

Applied Pharmacology

Q.P. CODE: 3401

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Classify antihypertensives drugs. Discuss the pharmacological actions, adverse effects and use of ACE inhibitors.
2. Classify general anaesthetics. Discuss the pharmacokinetics and pharmacodynamics of halothane (inhalational anaesthetics).
3. Classify opioid analgesics and explain pharmacological actions, adverse reactions and uses of morphine.

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. Aspirin.
5. Lignocaine.
6. Digoxin.
7. Classify anticoagulants.
8. Name any two muscle relaxants and discuss actions and uses of any one.
9. Pencillin preparations.
10. Classify antitubercular drugs.
11. Bronchodilators.
12. Pre anaesthetic medications.
13. Glyceryl trinitrate.
14. Diazepam.
15. Name any two corticosteroids and mention uses.

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. Statins.
17. Cardioplegic solutions.
18. Mucolytics.
19. Name any two antihistamines and two uses.
20. Cardio selective beta blockers.
21. Name any two diuretics and two uses.
22. Mention two medical uses of alcohols.
23. Mention two uses and two side effects of tetracycline.
24. Name two drugs used in shock.
25. Name two IV fluids.
26. Name two emergency drugs.
27. Name any two thrombolytic agents and two uses.
