

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Respiratory Care Technology Degree Examination – 06-Jun-2024

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. Classify sedative hypnotics. Write the mechanism of action, therapeutic uses and adverse effects of Benzodiazepines.
2. Classify anti-adrenergic drugs. Write the mechanism of action, therapeutic uses and adverse effects of Propranolol.

OR

Classify general anaesthetics. Write the mechanism of action and adverse effects of inhalational anaesthetics.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Mention the management of acute asthma.
4. Mechanism of action, uses and adverse effects of Penicillins.
5. Opioid analgesics – mechanism of action and its uses.

OR

Explain bioavailability and factor affecting it with suitable examples.

6. Mechanism of action, therapeutic uses and adverse effects of Rifampicin.
7. What is drug antagonism? Explain the types with suitable examples.
8. Mechanism of action, therapeutic uses and adverse effects of mast cell stabilizers.
9. Mechanism of action, uses and adverse effects of thiazide diuretics.
10. Mention inhalational corticosteroids and their adverse effects.

OR

Classify plasma expanders. Explain how will you manage anaphylactic shock.

11. Mechanism of action, uses and adverse effects of Tetracyclines.
12. Write the advantages and disadvantages of Intravenous route of drug administration.

SHORT ANSWER

10 x 3 = 30 Marks

13. Mention three antiplatelet drugs.
14. Name three drugs used in chronic obstructive pulmonary diseases.
15. Name three uses of Chloramphenicol.
16. Management of Warfarin over dosage.
17. Mention difference between zero order kinetics and first orders kinetics.
18. Mention three antihistaminic drugs.
19. Mention three antianxiety drugs.
20. Mention the treatment of alcohol dependence.
21. Name three uses of Aminoglycoside antibiotics.
22. Mention three Immunosuppressive agents.
