

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Allied Health Sciences Degree Examination – 28-Nov-2023

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 NSAIDS. Write a note on aspirin explaining its mechanism of action, adverse effects and uses.
2. Explain the factors affecting drug action.

OR

What are broad spectrum antibiotics? Explain the mechanism of action, uses and contraindications of streptomycin.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Classify Osmotic diuretics and its indication.
4. Action of Acetylcholine.
5. Mechanism of action and examples of Benzodiazepines with uses.

OR

Classify drugs used in bronchial asthma with one example each.

6. Drugs used in cardiac failure.
7. Write a note on the positive inotropic agents.
8. Isosorbide dinitrate – Indication and adverse effect.
9. Oral anticoagulants – Indication and adverse effect.
10. Chloramphenicol – Indication and adverse effect.

OR

Verapamil – mode of action and indication

11. Classify Antitubercular drugs.
12. Factors affecting drug absorption.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Drugs used in metabolic imbalance.
14. Uses and adverse effects of thiopentone sodium.
15. Examples and uses of anti thrombolytics.

OR

Streptokinase.- Indication and dose.

16. Three examples of antihistaminics and uses.
17. Name three immunosuppressive agents and their uses.
18. Name any three Mucolytic agents
19. Name any three uses of Codeine.
20. Contraindications of digitalis.

OR

Contraindications of morphine.

21. Drugs used in hypertensive emergency.
22. Define Bioavailability.
