

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Allied Health Sciences Degree Examination – 04-Jun-2024

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 anti anginal drugs. Discuss the mechanism of action, uses and adverse effects of Nitroglycerine.
2. Classify Diuretics. Discuss the mechanism of action, uses and adverse effects of Furosemide.
OR
Classify penicillins. Discuss the mechanism of action, uses and adverse effects of Amoxicillin.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. ACE inhibitors.
4. Salbutamol.
5. Diazepam.
OR
Phenobarbitone.
6. Uses and adverse effects of Aspirin.
7. Prazosin.
8. Preanaesthetic Medications.
9. Uses and adverse effects of Glucocorticoids.
10. Ciprofloxacin.
OR
Gentamicin.
11. Bioavailability.
12. Metronidazole.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Mention three uses of beta blockers.
14. Mention three uses of Rifampicin.
15. Name three Immunosuppressants.
OR
Name three Atropine substitutes.
16. Rationale of combining Lignocaine + Adrenaline.
17. Mention three uses of Calcium Channel Blockers.
18. Disulfiram.
19. Mention the drug of choice in anaphylactic shock with its dose and route of administration.
20. Mention three uses of Heparin.
OR
Name three plasma expanders.
21. Mention three drugs used in dyslipidemia.
22. Mention three examples of IV fluids.
