

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Allied Health Sciences Degree Examination – 28-Dec-2022

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-hypertensive drugs. Discuss the mechanism of action, uses and adverse effects of calcium channel blockers.
2. Classify inhalational anaesthetics. Compare and contrast Halothane with other inhalational anaesthetics.

OR

Classify drugs used in bronchial asthma. Discuss the uses and adverse effects of corticosteroids.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Role of osmotic purgatives in surgery.
4. Advantages and disadvantages of intravenous route.
5. Atropine.

OR

Dopamine.

6. Drugs to control anaerobic infections.
7. Uses and adverse effects of Morphine.
8. Prokinetic drugs for vomiting.
9. Intravenous fluids to correct electrolyte and acid base imbalance.
10. Lignocaine.

OR

Spirolactone.

11. Drug synergism.
12. Write briefly on antiseptics and disinfectants.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Three uses of aspirin.
14. Name three Preanaesthetic agents.
15. Name three anti histaminic drugs.

OR

Name three skeletal muscle relaxants.

16. Three differences between Heparin and Warfarin.
17. Name three common properties of Aminoglycosides.
18. Isoniazid.
19. Name three mucolytics used in cough.
20. Name three diuretics.

OR

Name three antifungal drugs.

21. Define prodrug. Give two examples.
22. Name three Insulin preparations.
