

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Allied Health Sciences Degree Examination – 30-Oct-2025

Time: Three Hours
100

Max. 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 antihypertensive drugs. Write the therapeutic uses and adverse effects of ACE inhibitors
2. Classify general anaesthetics. Write briefly about various preanaesthetic medications

OR

Classify drugs used in bronchial asthma. Discuss the mechanism of action, therapeutic uses and adverse effects of corticosteroids

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Advantages and disadvantages of intravenous route of drug administration
4. Dopamine
5. Antiplatelet drugs

OR

Vasodilators

6. Lignocaine
7. Proton pump inhibitors
8. Uses and adverse effects of morphine
9. Warfarin
10. Cardiac glycosides

OR

Mydriatics

11. Statins
12. β lactam antibiotics

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Name three skeletal muscle relaxants
14. List three uses of aspirin
15. Name three drugs used in treatment of HIV infection

OR

Treatment of paracetamol poisoning

16. Mention three adverse effects of phenytoin
17. Name three drugs used in treatment of dry cough
18. Enlist the drugs used to treat insomnia
19. Enumerate three immunosuppressants
20. Name three drugs used in medical emergencies

OR

Name three drugs used in treatment of shock

21. Name three potassium sparing diuretics
22. Name three antihistamines and mention their uses
