



Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Allied Health Sciences Degree Examination – 19-May-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 antihypertensives. Write a note on any one calcium channel blocker.
2. Define pharmacokinetics. Explain the factors affecting drug absorption.

OR

Classify corticosteroids. Explain the mechanism of action and adverse effects.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Classify CNS stimulants and their indication.
4. Furosemide – Indication, dose and adverse effect.
5. Classify Aminoglycosides.

OR

Bland aerosols in respiratory care.

6. Isoniazid – Indication, dose and adverse effect.
7. Non opioid analgesics.
8. Lignocaine – Indication, dose and adverse effect
9. Write a note on cardioplegic drugs.
10. Halothane – Indication, dose and adverse effect.

OR

Mucolytic agents.

11. Electrolyte supplements.
12. Write the mechanism of action of antiemetic drugs giving example of any one.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Write the uses of beta blockers giving two examples.
14. Name three local anaesthetics.
15. Morphine – Indication and dose.

OR

Name three antitussive agents.

16. Enlist the drugs used in electrolyte imbalance.
17. Name any two antihistamines and mention its use.
18. Enlist three peripheral vasodilators.
19. Side effects and indication of osmotic diuretics.
20. Enlist three drugs acting on ANS.

OR

Define Biotransformation.

21. Name any three Anti-fibrinolytics.
22. Statins – Indication and adverse effect.
