

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Year B.Sc. (Allied Health Sciences) Degree Examination - 30-Oct-2025

**Time: Three Hours**

**Max. Marks: 80 Marks**

### **PHARMACOLOGY – (RS-2)**

**Q.P. CODE: 1236**

Your answers should be specific to the questions asked  
Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAYS (Answer any Two)**

**2 x 10 = 20 Marks**

1. Classify drugs used in angina pectoris. Explain mechanism of action and mention the uses and adverse effects of Glycerly trinitrate.
2. Classify general anesthetics with examples. Write the mechanism of action, uses and adverse effects of ketamine.
3. Enumerate aminoglycoside antibiotics. Write their antibacterial activity and uses and adverse effects.

#### **SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Calcium channel blockers.
5. Uses and adverse effects of  $\alpha$ - adrenergic receptor blockers.
6. Uses of Aspirin
7. Dissociative anesthesia.
8. Advantages and disadvantages of oral route over Intravenous route with example.
9. Bronchodilators.
10. Spinal anesthesia.
11. Uses and adverse effects of angiotensin converting enzyme inhibitors.

#### **SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

12. Define first pass metabolism. Give two examples.
13. Enlist three tetracyclines.
14. Name two immunosuppressants and mention one therapeutic use.
15. Therapeutic uses of neostigmine.
16. Mention three hypolipidemic drugs.
17. Write two uses and one contraindication to morphine.
18. Name three plasma expanders.
19. Write three reasons for combining antimicrobial agents.
20. Mention three drugs used in hypertensive emergency.
21. Mention one benzodiazepine and write its two clinical uses.
22. Types of primary solutions.
23. Mention three antiemetics.

\*\*\*\*\*