

Rajiv Gandhi University of Health Sciences, Karnataka
III Semester Bachelor of Occupational Therapy Degree Examination – 05-Jun-2026

Time: Three Hours

Max. Marks: 100

PHARMACOLOGY (OS/RS)

Q.P. CODE: 3423

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. Write the pharmacology of chlorpromazine
2. Classify antihypertensives. Describe the pharmacology of ACE inhibitors
3. Explain the pharmacological actions, adverse effects and clinical uses of digitalis

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. Describe the mechanism of action, adverse effects and uses of benzodiazepines
5. What are the different routes of drug administration with example?
6. What are the factors affecting the absorption of drugs?
7. Explain adverse drug reaction reporting
8. Explain the organization of the autonomic nervous system
9. Explain the pharmacology of MAO inhibitors
10. Write the pharmacology of any one adrenergic agonist
11. Write a note on skeletal muscle relaxants
12. What are local anaesthetic agents? Write the pharmacology of any one local anaesthetic agent
13. Explain the pharmacological actions, side effects and uses of Biguanides
14. Explain the pharmacology of Salbutamol
15. Write MOA, adverse effects and uses of zidovudine

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Define agonist and give example
17. Idiosyncrasy and Tachyphylaxis
18. Enlist the neurotransmitters
19. Write the classifications of skeletal muscle relaxants
20. Write about the functions of ANS
21. What are withdrawal symptoms of antidepressants?
22. Over medication for dementia
23. Parenteral anticoagulants with example
24. Mechanism of action of heparin
25. Anxiolytics
26. Adverse effects and uses of captopril
27. Formula used to calculate child dose
