Rajiv Gandhi University of Health Sciences, Karnataka

III Semester Bachelor of Occupational Therapy Degree Examination – 16-Nov-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. Classify parasympathomimetics. Write the pharmacology of Acetylcholine
2. Write the classifications of antiepileptics. Write the pharmacology, side effects and uses of Phenytoin
3. Classify antifungal agents with example. Write MOA, adverse effects and uses of Amphotericin B

SHORT ESSAYS (Answer any Ten) **10 x 5 = 50 Marks**

4. Explain the mechanism of action and adverse effects of Glibenclamide
5. Explain the pharmacology of Methotrexate
6. Write the pharmacology of Barbiturates
7. Describe the pharmacology of calcium channel blockers
8. Classify antibiotics on the basis of mechanism of action along with examples
9. Classify antiviral and retroviral agents with example
10. Classify type of leprosy and antileprotic agents with example
11. Classify antileprotic agents with example. Write the mechanism of action of dapsone
12. Explain different types of shock
13. Write the pharmacology of isoniazide
14. Write the pharmacology of Nitrates
15. Write about the pharmacology of L-dopa

SHORT ANSWERS (Answer any Ten) **10 x 3 = 30 Marks**

16. Differentiate between Bronchial asthma and COPD
17. CNS neurotransmitters
18. Mention types of leprosy
19. What is malaria? Mention four malarial parasites
20. Causative organisms and drugs for Urinary tract infection
21. Mention hormonal anticancer drugs with uses
22. Channels of drug elimination
23. ADR monitoring
24. Classify antipsychotics
25. Define Parkinsonism. Extrapyramidal symptoms
26. Pain pathway
27. Distribution of drugs

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