

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Semester Bachelor of Occupational Therapy Degree Examination – 11-Dec-2024**

**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 antipsychotics. Explain the pharmacology of atypical antipsychotics.
2. Define CHF. Classify the drugs used for the treatment of CHF. Add a note on digitalis
3. Classify antiviral agents with examples. Write the mechanism of action, adverse reactions and therapeutic uses of acyclovir.

**SHORT ESSAYS (Answer any Ten)**

**10 x 5 = 50 Marks**

4. What are prokinetic drugs? Write the pharmacology of Metoclopramide.
5. Write a note on pharmacokinetic drug interaction.
6. Merits & Demerits of sublingual route of administration
7. Write the pharmacology of atypical antipsychotic agents?
8. Classify oral Hypoglycemic agents & explain the pharmacology of metformin.
9. Discuss the pharmacology of ADH
10. What are antiemetics? Write the pharmacology of ondansetron
11. Classify antiplatelet agents on the basis of mechanism of action with examples..
12. Write mechanism of action, adverse effects and uses of thiazide diuretics.
13. Classify the anticancer agents with examples.
14. Write the mechanism of action of omeprazole?
15. Explain the pharmacology of salbutamol

**SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

16. Define Therapeutic index.
17. Mechanism of Etoricoxib.
18. Name any four drugs causing drug dependence.
19. Define Mucolytics. Give any two examples.
20. Name four fibrinolytic agents.
21. What is grey baby syndrome?
22. What are probiotics? Give examples.
23. Write uses of Tacrolimus.
24. What are H2 receptor antagonists? Write two examples.
25. Define Pharmacokinetics & Pharmacodynamics
26. Explain the therapeutic uses of acetazolamide.
27. Write therapeutic uses of Vitamin K.

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