

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Semester Bachelor of Occupational Therapy Degree Examination – 13-Dec-2023**

**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. Explain different phases of general anaesthesia and Classify general anesthetics with examples.
2. What are antihypertensive drugs? Classify them with examples. Explain the mechanism of action and therapeutic uses of Propranolol.
3. Classify narcotic analgesics. Write the pharmacology of morphine

**SHORT ESSAYS (Answer any Ten)**

**10 x 5 = 50 Marks**

4. Classify antihistamines with examples and mention their adverse effects.
5. Write different routes of administration along with their merits & demerits
6. Write the salient features of COX II inhibitors.
7. Write a note on Oral Contraceptives.
8. Define and Classify purgatives with examples. Write the pharmacology of anthraquinone glycosides.
9. How do you treat iron deficiency anaemia? Explain with examples.
10. Enlist potassium sparing diuretics. Write their mechanism of action and uses.
11. Explain rationale behind co-trimaxazole combination. Write its advantages and uses.
12. Write briefly on therapeutic classification of antimalarial agents.
13. Classify the anticancer agents with examples.
14. Classify anti-asthmatic agents. Explain the pharmacology of salbutamol.
15. Classify anti-thyroid drugs and explain the pharmacology of propylthiouracil

**SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

16. Explain drug-drug interactions with examples.
17. Briefly explain "Therapeutic Index" and give its significance.
18. What are systemic antacids? Give examples.
19. Enlist the drugs causing nephrotoxicity?
20. Enlist four immunostimulants.
21. What is multidrug regimen for the treatment of TB and name the drugs.
22. Enlist the four uses of Doxycycline.
23. What are Low Molecular Weight Heparins? Give two examples.
24. Write any two clinical uses & adverse effect of prostaglandins.
25. Give examples for psychoactive drugs.
26. What is dissociated anaesthesia?
27. Give examples for psychoactive drugs.

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