

Rajiv Gandhi University of Health Sciences, Karnataka
III Semester Bachelor of Occupational Therapy Degree Examination – 19-Jun-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 anti-arrhythmic drugs. Explain membrane stabilizing agents. Inhibitors.
2. Classify anticonvulsants. Write the mechanism of action and pharmacology of phenytoin.
3. Classify sulfonamides with examples. Write the mechanism of action, merits and uses of co-trimoxazole.

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. Write a note on mechanism of drug action.
5. Explain the phases of general anaesthesia.
6. Write a note on calcium channel blockers.
7. Classify local Anesthetics. Explain the pharmacology lignocaine.
8. What are the signs, symptoms and treatment of alcohol poisoning?
9. What are NSAIDs? Classify NSAID's with examples.
10. Explain the pharmacology of bronchodilators.
11. Classify different types of insulin. Explain its pharmacology. .
12. What are Prokinetic drugs? Write the pharmacology of Metoclopramide.
13. Write the mechanism action, adverse effect of uses of frusemide.
14. Describe the adverse effects of anti-neoplastic agents..
15. Classify Neuromuscular Blocker. Write a note on d- Tubocurarine

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Define cross tolerance with example
17. Enlist Cholinergic receptors.
18. What is mania?
19. Define antitussives with examples.
20. What are H2 receptor antagonists? Write two examples.
21. Write a note on osmotic diuretics.
22. Write the advantages and disadvantages of intra muscular route of drug administration.
23. Define bioavailability.
24. Enlist drugs used in glaucoma.
25. Enlist four nasal decongestants.
26. Therapeutic uses of Procainamide.
27. Write a note on anabolic steroids.
