

Rajiv Gandhi University of Health Sciences, Karnataka

Fourth Semester B. Pharm Degree Examination – 10-Nov-2023

Time: Three Hours

Max. Marks: 75 Marks

PHARMACOLOGY - I

Q.P. CODE: 5016

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

All the Questions are compulsory.

LONG ESSAYS

2 x 10 = 20 Marks

1. Explain the principles and mechanism of drug actions. Explain in detail enzyme linked receptors.

OR

What are sympatholytics? Classify sympatholytics. Explain in detail pharmacology of any one β -receptor blocker.

2. What are sedative and hypnotics and classify with examples. Add a note on long acting barbiturates.

SHORT ESSAYS

7 x 5 = 35 Marks

1. What are different route of drug administration. Explain advantage and disadvantage of each route of administration.

OR

Short notes on drug discovery phases.

4. Explain the adverse drug interactions.

OR

Classify sympathomimetics. Explain the mechanism of action of adrenaline and its uses.

5. Explain the neurohumoral transmission.
6. Explain in detail pre-anaesthetic medications with examples.
7. Short note on antiepileptic agents.
8. Classify anti Parkinson's disease agents. Add a note on L-Dopa.
9. What are different nature and source of drugs?

SHORT ANSWERS

10 x 2 = 20 Marks

10. What is Drug tolerance? Give examples.
11. What are spare receptors? Give examples.
12. What is Pharmacodynamics? Enlist the targets for drugs.
13. Write the uses and side effect of D-tubocurarine.
14. Enlist the centrally acting muscle relaxants and write their uses.
15. What is Drug Addition? Give example of drug tolerance.
16. Enlist drugs used in treatment of myasthenia gravis.
17. What is Pharmacovigilance?
18. Write the classification of local anaesthetics with examples.
19. Enlist drugs used in Anti-depressants.
