

Rajiv Gandhi University of Health Sciences, Karnataka

Fourth Semester B. Pharm Degree Examination – 06-Jun-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. Enumerate the different mechanisms by which the drugs produce their effect. Write a note on synergistic effect.

OR

What is epilepsy? Classify antiepileptics with examples. Write the pharmacology of Phenytoin.

2. **What are CNS stimulants ? Classify them with example and write the pharmacology of caffeine.**

SHORT ESSAYS

7 x 5 = 35 Marks

3. Explain pharmacovigilance with applications.

OR

Classify Neuromuscular Blocker. Write a note on d-Tubocurarine.

4. Classify α - adrenergic receptor antagonists with examples.

OR

Classify antidepressants, note on imipramine.

5. Biotransformation of drugs.
6. Write the pharmacology of morphine.
7. What do you mean by myasthenia gravis? Explain how cholinergic drugs used in myasthenia gravis.
8. Write about management of opioid poisoning
9. What measures are taken to overcome alcohol addiction?

SHORT ANSWERS

10 x 2 = 20 Marks

10. Explain drug tolerance.
11. Define volume of distribution.
12. Therapeutic uses of atropine.
13. Define sedative and hypnotics with examples.
14. List out the drugs used in treatment of Alzheimer's diseases.
15. **Enlist the adverse reactions of Lidocaine.**
16. **Explain the role of glycine in neurotransmission.**
17. Name four muscarinic receptor blockers.
18. Define Tachyphylaxis and Idiosyncrasy
19. Define therapeutic index.
