

Rajiv Gandhi University of Health Sciences, Karnataka

Fourth Semester B. Pharm Degree Examination – 23-Nov-2021

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. Classify drug-drug interactions. Explain in detail the pharmacokinetics drug-drug interaction with examples.

OR

Classify sedative and hypnotic drugs with examples, write the pharmacology of benzodiazepines.

2. Classify antidepressant drugs with examples and write the pharmacology of imipramine

SHORT ESSAYS

7 x 5 = 35 Marks

3. Write about agonist, antagonist and different types of antagonism with examples.

OR

Write notes on different routes of drug elimination.

4. Discuss about the mechanism of action of drugs.

OR

Write in brief about adverse reactions of the drugs.

5. Write a note on drugs used in the treatment of Myasthenia gravis.
6. Write in brief about anti epileptic drugs.
7. Write brief notes on opioid antagonistic drugs.
8. Write notes on centrally acting muscle relaxant agents.
9. Explain the pharmacology sympathomimetic agents.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Write notes on spare receptors.
11. Write a brief note on Tachyphylaxis.
12. Importance of the combined effect of the drugs.
13. What is dose response relationship?
14. Classification of parasympatholytic agents.
15. Note on Preanaesthetic agents.
16. Mention about Hallucinogenic agents.
17. Enlist drugs used in Alzheimer disease.
18. Drugs used as Antiparkinsonian agents.
19. Define drug abuse with suitable examples.
