

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – 05-Nov-2024

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOLOGY – I (RS & RS2)

Q.P. CODE: 2859

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 anticholinergic with suitable examples. Describe the pharmacological actions of atropine.
2. Define Cardiac Heart Failure (CHF). Classify the drugs used for treatment of CHF. Describe pharmacology of digitalis.
3. Classify non-steroidal anti-inflammatory drugs with examples and explain the pharmacology of aspirin.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain in metabolism of drugs.
5. What is myasthenia gravis? Explain how cholinergic drugs are useful in myasthenia gravis.
6. Write the pharmacology of nitrovasodilators.
7. Explain different stages of general anesthesia.
8. Explain the pharmacology of bronchodilators.
9. Classify different types of insulin preparations. Explain the pharmacology of insulin.
10. Explain the pharmacology of Histamine.
11. Write a note on G-protein coupled receptor.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the advantages and disadvantages of oral route of drug administration.
13. Define placebo and Prodrug.
14. Mention the drugs used in treatment of Parkinsonism.
15. Define sedative and hypnotics with examples.
16. Enlist four nasal decongestants.
17. Write the clinical uses of Montelukast.
18. Define Tocolytic. Give examples.
19. Mention the uses of chlorpheniramine.
20. Write the mechanism of action of radioiodine.
21. Define Tachyphylaxis.
