

*Supply*

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year Pharm-D Degree Examination – 07-May-2025**

**Time: Three Hours**

**Max. Marks: 70**

**PHARMACOLOGY – I (RS & RS-2)**

**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 cholinomimetics with examples. Explain the pharmacology of acetylcholine
2. Classify antianginal drugs with examples. write the pharmacology of nitrovasodilators
3. Classify hypnotics and sedatives with examples. explain the pharmacology of diazepam

**SHORT ESSAYS (Answer any six)**

**6 x 5 = 30 Marks**

4. Write different routes of drug administration along with their merits and demerits
5. Write a note on G-protein coupled receptors
6. Explain different phases of general anaesthesia
7. Classify Hypolipidemics and explain mechanism of atorvastatin
8. Classify the drugs used in the treatment of asthma with examples
9. Classify different types of insulin. Explain pharmacology of insulin
10. Write a note on lipid derived autocoids
11. Write the pharmacology of carbamazepine

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Define prodrug and give example
13. Define synergism with examples
14. List four examples of catecholamines
15. Adverse effects of quinidine
16. List examples of Cardiotonics
17. Classify opioid antagonists with examples
18. Define tocolytics and list examples
19. Name any two sex hormones with their uses
20. List two examples of H<sub>1</sub> antihistaminics
21. Define drug dependence and drug abuse with example

\*\*\*\*\*