

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year Pharm-D Degree Examination – 23-Nov-2021**

**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. Explain the pharmacology neuromuscular blockers
2. Explain in detail the pharmacology of alcohol
3. What are antihypertensive drugs? Classify them with examples. Explain the mechanism of action and therapeutic uses of ACE inhibitors.

**SHORT ESSAYS (Answer any six)**

**6 x 5 = 30 Marks**

4. Write a note on pharmacokinetic drug interactions.
5. Define & classify local anesthetics
6. Write the mechanism of action and clinical uses of clofibrate
7. Explain the pharmacology of centrally acting antihypertensives
8. What are oral hypoglycemic agents? Explain the pharmacology of metformin.
9. Write the pharmacological actions of histamine
10. Explain the pharmacology of bronchodilators.
11. Explain the factors affecting metabolism of drugs.

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Write two adverse effects and uses of reserpine
13. Write the adverse effects and uses of guaifenesin
14. Name four drugs used in organophosphorus poisoning
15. Write two clinical uses of prazosin
16. Define bioequivalence
17. What are cardiotonics? Give two examples
18. Name four drugs used in dry cough
19. Define drug dependence and drug abuse
20. Write clinical uses of platelet activating factor
21. Name two drugs used in motion sickness

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