

# Rajiv Gandhi University of Health Sciences, Karnataka

## III Year B. Pharm Degree Examination – 13-01-2020

**Time: Three Hours****Max. Marks: 70 Marks****PHARMACOLOGY (RS - 4)****Q.P. CODE: 2639**

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 anti-adrenergics with examples. Write the therapeutic uses and adverse effects of propranolol.
2. Explain different types of drug-drug interactions.
3. Classify oral hypoglycaemic agents and explain the pharmacology of sulphonyureas.

**SHORT ESSAYS (Answer any Six)****6 x 5 = 30 Marks**

4. What is glaucoma? Give its treatment.
5. Classify Neuromuscular Blockers. Add a note on d- Tubocurarine
6. Classify antihypertensives with examples
7. Classify diuretics with examples and write therapeutic uses of Mannitol
8. Describe acute toxicity of iron preparations
9. Write mechanism of action and uses of organic nitrates.
10. Describe the actions and pathological role of pg products in inflammation.
11. Explain biotransformation of drugs.

**SHORT ANSWERS****10 x 2 = 20 Marks**

12. Define bioavailability
13. Therapeutic uses of histamine
14. Define volume of distribution
15. Advantages of oral route of drug administration
16. Classify mucolytic agents with examples
17. Enlist insulin preparations
18. Therapeutic uses of atropine
19. Define Tachyphylaxis
20. Enlist four nasal decongestants
21. Drugs used in vertigo

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