

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Pharm Degree Examination – JAN-2019

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. Describe the factors modifying drug action.
2. Classify hypolipidemic agents with examples, write the pharmacology of Atorvastatin
3. Classify anticholinergic agents with examples. Describe the pharmacological actions of atropine.

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

4. Explain the pharmacological actions of Insulin.
5. Mention different adrenergic receptors with their antagonists.
6. Write the pharmacological actions of Quinidine.
7. Explain the mechanism of action of streptokinase and urokinase.
8. Explain the regulation & actions of female sex hormones.
9. Explain the synergistic effects of drugs with examples.
10. Classify antihistamines with examples.
11. Discuss the pharmacology of calcium channel blockers (any one).

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

12. Define Volume of distribution.
13. Classify neuromuscular blocking agents.
14. Classify anti-anginal drugs.
15. Therapeutic uses of Procainamide
16. Adverse reactions and therapeutic Reserpine.
17. Write mechanism of action of Theophylline.
18. Enlist drugs used in glaucoma.
19. Write Treatment of Belladonna poisoning.
20. Write the therapeutic use of Protamine sulphate.
21. Define competitive and Non-competitive Antagonism.
