

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Pharm Degree Examination – JAN-2019

Time: Three Hours**Max. Marks: 80 Marks****Pharmacology (RS - 2)****Q.P. CODE: 1965**

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 seizures and anticonvulsant agents. Describe the pharmacological actions of phenytoin
2. Classify adrenergic agents. Write the pharmacology of adrenaline
3. Classify drugs used in congestive cardiac failure. Write the pharmacology of digoxin

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. Define bioavailability. Write a note on factors affecting it
5. Enlist various routes of drug administration along with an example
6. Describe the G-protein coupled receptors
7. Write a note on drug induced organ toxicity with examples
8. Classify Muscarinic antagonists and write their uses
9. Write the mechanism of action and therapeutic uses of any one local anaesthetic agent
10. Discuss the pharmacological actions of phenobarbitone
11. Classify anticoagulants. Write the mechanism of action and uses of Warfarin
12. Classify non steroidal anti inflammatory agents. Write the mechanism of action and adverse effects of aspirin
13. Classify diuretic agents. Write the clinical uses of Thiazide diuretics

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

14. Mention nature of drugs
15. Define agonist and antagonist with examples
16. Define volume of distribution
17. Define Therapeutic index
18. Outline Dale's vasomotor reversal
19. Name the different stages of general anaesthesia
20. Write the mechanism of action of Atorvastatin
21. Mention any two antiplatelet agents and write their uses
22. Classify skeletal muscle relaxants with examples
23. Drug dependence
