

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Pharm Degree Examination – 13-Jan-2020

Time: Three Hours**Max. Marks: 70 Marks**

Pharmacology (Revised Scheme 3) Q.P. CODE: 2615

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 in detail the different factors affecting drug action
2. Classify different Opioid receptors. Mention their agonists & antagonists. Explain the pharmacology of Morphine
3. Classify anti-arrhythmics based on mechanism with examples. Explain the pharmacology of Quinidine

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

4. Discuss the Pharmacological actions of Chlorpromazine
5. Classify hypnotics and sedatives with examples
6. Give the uses & mechanism of action of benzodiazepines
7. Classify local anaesthetics with examples. Explain the pharmacological actions of Xylocaine
8. Explain the pharmacology of Ethyl alcohol
9. Discuss the pharmacological actions of newer class of anti-epileptics
10. What are carbonic anhydrase inhibitors? Briefly explain their pharmacology
11. Discuss preclinical toxicity studies. Give its importance

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

12. What is drug abuse? Give an example
13. Write the toxicity of Furosemide
14. Give the mechanism & use of Glucosamine
15. Treatment for Atropine poisoning
16. Give the mechanism & use of clofibrate
17. What are analeptics? Give two examples
18. Name two calcium channel blockers. Mention their uses
19. What is drug idiosyncrasy? Give one example
20. Give the mechanism and uses of Baclofen
21. Give two examples of anticonvulsants
