

# Rajiv Gandhi University of Health Sciences, Karnataka

## III Year B.Pharm Degree Examination – JAN-2019

**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. Define parasympatholytic agents. Classify them with examples and explain the pharmacology of atropine
2. Enlist antiarrhythmic drugs with examples and mechanism of action of quinidine
3. Classify anti psychotic agents and explain mechanism of action and adverse effects of chlorpromazine

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

4. Define analgesics and write the pharmacological actions of morphine
5. What are the factors affecting on distribution of drugs
6. Differentiate between pre-clinical and clinical drug evaluation
7. Explain the mechanism of action of nor adrenaline
8. Write the mechanism of action and adverse effect of phenytoin
9. Explain the anti-arrhythmic mechanism of lidocaine
10. Write the pharmacological actions and uses of alcohol
11. Enlist anti-coagulants and its adverse effects and therapeutic uses

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

12. Sublingual route of drug administration
13. Fluoxetine – category and uses
14. List the phases of clinical trials.
15. Give examples of  $\beta$ -2 selective agonists
16. Adverse effects and uses of Labetalol
17. Mechanism of action of Clofibrate
18. List the Opioid receptors and mention their location
19. Mention two adverse effects and uses of Haloperidol
20. Acetazolamide
21. Ferrous sulphate uses and ADR

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