

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.Pharm Degree Examination – August 2010

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. Answer all questions

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Classify sympatholytics with examples. Describe the pharmacology of propranolol
2. Define distribution of drug. Explain the importance of plasma proteins and enlist the factors that affect distribution of drug
3. What is arrhythmias? Classify anti-arrhythmias with examples. Describe the pharmacological actions of Quinidine

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Describe vasopressin
5. Classify anxiolytics with examples. Explain the pharmacology of Phenobarbitone
6. Explain the mechanism of action, uses and adverse effects of digitalis
7. Write the classifications of anti-epileptics with examples. Explain the mechanism of action of phenytoin
8. Classify diuretics with examples. Explain the pharmacological action and mechanism of action of frusemide
9. Define anti-psychotics with examples. Write the mechanism of action and adverse effects of chlorpromazine
10. Write the classification of cholino-mimetics with examples. Write the adverse effects and therapeutic uses of Acetyl choline
11. Classify anti-coagulants with examples. Write the mechanism, adverse effects and uses of Heparin

SHORT ANSWERS

10 x 2 = 20 Marks

12. Aspirin
13. Flouxetin
14. Nitrous oxide
15. Pancuronium
16. Additive effects
17. Secondary messengers
18. Organophosphates
19. Non-selective Beta-blockers
20. Phase I clinical trials
21. Drug abuse