

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Pharm Degree Examination – Sep 2012

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. Explain the pharmacology of epinephrine
2. Describe the factors modifying drug effects
3. Define psychosis. Classify anti-psychotics with examples. Explain the mechanism of action of Chlorpromazine

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Classify cholinergic agents with examples. Describe the effect of physostigmine on eye
5. What is significance of dose response relationship?
6. Classify non-narcotic analgesics with examples. Write the adverse effects of Nimesulide
7. Write the classification of hypolipidemics with examples. Describe the mechanism of Niacin
8. What are diuretics, write their classification and therapeutic uses
9. Explain the pharmacology of procaine
10. Describe the drug interactions with suitable examples that affect absorption of drug
11. Write a note on ganglionic stimulants

SHORT ANSWERS

10 x 2 = 20 Marks

12. Cholinergic receptors
13. Myasthenia gravis
14. Pre-clinical trials
15. Diazepam
16. Quinidine
17. Buspirone
18. ADH
19. Bioavailability
20. Sodium Valproate
21. Coumarin derivatives