

Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharma-D Degree Examination – Aug / Sep 2011

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOLOGY – II

Q.P. CODE: 2861

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 anticoagulants with examples. Explain the Pharmacology of Heparin
2. Classify antiviral drugs with examples. Explain the mechanism of action of each class
3. Explain the chemotherapy of tuberculosis

SHORT ESSAYS (answer any six)

6 x 5 = 30 Marks

4. Explain the mechanism of action and uses of cyclophosphamide
5. Classify antileprotic drugs with examples and write their mechanism of action
6. Explain the significance of restriction point in cell cycle
7. Explain the metabolic functions and uses of vitamin B 12
8. Explain the mechanism of action of fluoroquinolones
9. Classify antifungal agents with examples and write their uses
10. Write the therapeutic uses and mechanism of action spironolactone
11. Explain the principles of Recombinant DNA technology

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the mechanism of action of isoniazid
13. Mention the cellular signal transduction pathways
14. Mention the therapeutic uses of sulfonamide
15. List out the adverse effects of Zidovudine
16. Name any two Polyone antibiotics
17. Explain the term 'Mutation'
18. Mention any two immunosuppressant drugs
19. Write the therapeutic uses of clopidogrel
20. Write the uses and contraindications of plasma expanders
21. What is gene mapping
