Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharma-D Degree Examination - Sep 2012

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 2 x 10 = 20 Marks

1. Explain the process of protein synthesis giving emphasis on transcription and translation process and their regulation

- 2. Classify anticancer drugs with suitable examples. Explain the mechanism of action, adverse effects and uses of Cyclophosphamide
- 3 Explain the Pharmacology of furosemide

SHORT ESSAYS $6 \times 5 = 30 \text{ Marks}$

- 4. Explain the adverse events of aminoglycoside antibiotics
- 5. Write the mode of action and uses of antidiuretic hormone
- 6. Name any four drugs used for Amoebiasis and explain mechanism of action of any one drug
- 7. Write the adverse effects and uses of Quinoline antibiotics
- 8. Explain the Pharmacology of anti-platelet drugs
- 9. Explain the process of DNA replication
- 10. Write a note on cell cycle regulators
- 11. Write a note on acute and chronic toxicity studies

SHORT ANSWERS $10 \times 2 = 20 \text{ Marks}$

- 12. Uses of antiviral drugs
- 13. Name the sub-cellular organelles
- 14. Name the method of communication between the cells
- 15. Name the uses of anti-coagulants
- 16. Write a note on co-trimoxazole
- 17. Antibacterial spectrum of cephalosporin
- 18. Name any four ADR of Tetracycline
- 19. Name the components of gene
- 20. Biosensors
- 21. Name the processes involved in gene transfer
