

Rajiv Gandhi University of Health Sciences, Karnataka

IV year B.Pharm Degree Examination – Aug / Sep 2011

Time: Three Hours

Max. Marks: 80 Marks

PHARMACOLOGY & TOXICOLOGY (Revised Scheme - 2)

Q.P. CODE: 1968

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. What are Beta lactam antibiotics? Write the mechanism of action, adverse effects and therapeutic uses of Benzyl penicillin
2. Discuss pharmacokinetic drug interactions in detail with suitable examples
3. Classify Antiulcer drugs. Discuss the mechanism of action. Adverse effects and therapeutic effects of proton pump inhibitors

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Write a note on centrally acting cough suppressants
5. Write the mechanism of action and adverse effects of sulphonylureas
6. Discuss the principles involved in the bioassay
7. Describe the signs, symptoms and treatment of insecticidal poisoning
8. What are Immunosuppressants. Write pharmacology of cyclosporine
9. Classify antileprotic drugs. Write the mechanism of action and adverse effects of Dapsone
10. Discuss the mechanism of action and therapeutic uses of Co-trimoxazole
11. Classify antiemetics and write the mechanism of action of Metoclopramide
12. Write the pharmacological actions and therapeutic uses of prostaglandins
13. Explain the mechanism of action and adverse effects of Alkylating agents used in the chemotherapy of cancer

SHORT ANSWERS

10 x 2 = 20 Marks

14. 5-Fluoro uracil
15. Serotonin
16. Polyene antibiotics
17. Pyrazinamide
18. Thiabendazole
19. Non systemic antacids
20. Ketoconazole
21. H₁ receptor antagonists
22. Theophylline
23. Subacute toxicity tests