

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.Pharm Degree Examination – Dec-2014

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOLOGY & TOXICOLOGY

(Revised Scheme – 3)

Q.P. CODE: 2618

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 antiulcer drugs with suitable examples. Discuss the mechanism of action and therapeutic uses of proton pump inhibitors.
2. Classify bronchodilators. Explain their mechanism of action, uses and adverse effects.
3. Classify oral hypoglycemic agents with examples. Explain the pharmacological actions of insulin.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write a note on fluoroquinolones.
5. Describe acute, sub acute and chronic toxicity studies.
6. Define drug-drug interaction with suitable examples.
7. Classify antiamoebic drug with examples. Give the mechanism of action of metronidazole.
8. Define bioassay. Explain the general principles, merits and demerits of bioassay.
9. Classification of anti-tubercular drugs and their common adverse effects.
10. Write a note on uterine relaxants.
11. Enlist alkylating agents and discuss their mechanism of action and adverse effects.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Acyclovir
13. Classify immunosuppressants.
14. Classify antifungal agents.
15. Erythromycin.
16. Adverse effects of chloramphenicol.
17. State the therapeutic uses of penicillin.
18. 5-fluorouracil
19. Non systemic antacids.
20. Emetics.
21. Purgatives.
