

# Rajiv Gandhi University of Health Sciences, Karnataka

IV year B.Pharm Degree Examination – Sep 2012

**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. Explain the drug treatment of Constipation
2. Enlist the macrolide antibiotics. Write in detail the mechanism of action, adverse effects and therapeutic uses of Erythromycin
3. Write the principle and general methods of Bioassays in detail

### SHORT ESSAYS (Answer any Eight)

**8 x 5 = 40 Marks**

4. Classify antithyroid drugs and add a note on Thioureas
5. Write the adverse effects and therapeutic uses of tetracyclines
6. Explain the significance of multidrug therapy in the treatment of tuberculosis
7. Describe the signs, symptoms and treatment of barbiturate poisoning
8. Classify drugs used in the treatment of urinary tract infections and write the mechanism of action of Fluroquinolones
9. Discuss the pharmacology of cyclosporines
10. Classify oral contraceptives with examples. Explain monopills
11. Discuss the pharmacology of lipid derived autocoids
12. Discuss the pharmacology actions of prokinetic agents
13. Explain the mechanism of action and therapeutic uses of sulphonyl ureas

### SHORT ANSWERS

**10 x 2 = 20 Marks**

14. Phenformin
15. Acyclovir
16. Chronic toxicity tests
17. 5-HT antagonists
18. Oxytocin
19. Prostaglandins
20. Diethyl carbamazine citrate
21. Vincristine
22. Misoprostol
23. Monoclonal antibodies