

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV Year B.Pharm Degree Examination – NOVEMBER 2015

**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 antineoplastic agents. Discuss mechanism of action and adverse effects of alkylating agents.
2. Combinations of drugs are used in the treatment of tuberculosis-Justify and discuss any one such combination.
3. Discuss pharmacokinetic drug-drug interactions with suitable examples.

**SHORT ESSAYS (Answer any Six)****6 x 5 = 30 Marks**

4. Classify antifungal agents and discuss the pharmacology of amphotericin B.
5. Explain oral contraceptive agents.
6. Write a note on proton pump inhibitors.
7. Discuss oral hypoglycemic agents.
8. Write a note on fluoroquinolones.
9. What are the indications of bioassays?
10. Discuss the signs and symptoms of and treatment of acute insecticidal poisoning.
11. Explain the mechanism of action of cephalosporin and streptomycin.

**SHORT ANSWERS****10 x 2 = 20 Marks**

12. Oxytocin
13. Prostaglandins
14. Carminatives
15. Antacid
16. Dapsone
17. Crystaluria
18. Albendazole
19. Superinfection
20. Immunosuppressants
21. Emetics

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