

# Rajiv Gandhi University of Health Sciences, Karnataka

IV year B.Pharm Degree Examination – 09-Jan-2020

**Time: Three Hours**

**Max. Marks: 80 Marks**

## **PHARMACOLOGY AND 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. Discuss on acute, subacute and chronic toxicity studies. Explain the general treatment of poisoned cases
2. Classify antimalarials based on life cycle of malarial parasite. Discuss the pharmacology of chloroquine
3. Classify antidiabetic agents with examples. Discuss the mechanism of action and pharmacology of insulin

### **SHORT ESSAYS (Answer any Eight)**

**8 x 5 = 40 Marks**

4. Discuss on mechanism of action of oral contraceptives
5. Write the mechanism of action and adverse effects of chloramphenicol
6. Give the ideal properties of nasal decongestants
7. Mention the drugs used to treat hypothyroidism and add a note on radio active iodine
8. Write a note on H<sub>2</sub> receptor blockers
9. Classify anti protozoal agents with examples and write a note on albenazole
10. Explain the pharmacology of cyclosporine
11. Write a note on pharmacodynamic type of drug interactions
12. Classify antileprotics with examples and add a note on dapsone
13. Write a note on antimetabolites used in cancer chemotherapy

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

14. Topical sulfonamides
15. Classify antiemetics
16. Carminatives
17. Sulfonyl ureas
18. Antiulcer drugs
19. Side effects of cancer chemotherapy
20. Clavulanic acid
21. Acyclovir
22. Antitussives
23. Oxytocin

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