

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.Pharm Degree Examination – May 2017

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. Briefly discuss ulcer protective agents.
2. Explain the mechanism of action, antibacterial spectrum, adverse reactions and therapeutic uses of Penicillin G.
3. Classify drugs used in the treatment of malaria. Discuss the pharmacology of chloroquin.

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

4. State the advantages of newer macrolide antibiotics and explain the pharmacology of roxithromycin.
5. Explain the mechanism of action and adverse actions of insulin.
6. Write a note on suicide inhibitors.
7. Write the mechanism of action and adverse effects of ciprofloxacin.
8. Write a note on zidovudine.
9. What are the principles of bioassays?
10. Discuss pharmacokinetic drug-drug interactions.
11. Write a note on snakebite poisoning.

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

12. Paclitaxel
13. Prophylaxis of malaria
14. Metronidazole
15. Immunostimulants
16. Penicillin anaphylaxis and its treatment
17. Uterine stimulants
18. Laxatives
19. Mucolytics
20. Platelet activating factor
21. Beta lactamase inhibitors
