

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.Pharm Degree Examination – JAN-2019

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. Define bioassay. Explain the general principles, merits and demerits of various bioassay methods.
2. Classify antihistaminic drugs. Discuss the pharmacology, uses and side effects of H₁ antihistaminic agents.
3. Describe the general principles involved in the treatment of acute poisoning. Mention the signs, symptoms and treatment of insecticide poisoning.

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

4. Discuss the pharmacology of cyclosporine.
5. Write a note on antifungal agents.
6. Classify antiviral agents.
7. Classification of oral hypoglycaemic agents and give a note on the mechanism of action of biguanides.
8. Write the classification of antileprotic drugs with examples. Give the mechanism of action of dapsone.
9. Discuss the pharmacology and uses of salbutamol.
10. Classify antiemetics and give mechanism of action of metoclopramide.
11. Write a note on drug-food interactions.

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

12. Oral contraceptives.
13. Prostaglandins.
14. Semisynthetic penicillins.
15. Bulk laxatives
16. Streptomycin
17. 5 HT receptors
18. Treatment of alcohol poisoning
19. Co-trimoxazole
20. Thyroxine
21. Oxytocin
