

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.Pharm Degree Examination – JAN-2019

Time: Three Hours**Max. Marks: 70 Marks**

Pharmacology and Toxicology **(RS – 4)** **Q.P. CODE: 2643**

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS**2 x 10 = 20 Marks**

1. Define and classify sedatives and hypnotics with examples. Write the Pharmacology of diazepam
2. Define neoplasm. Classify antineoplastic agents with examples. Write the mechanism of action, adverse effects and therapeutic effects of alkylating agents.
3. Define psychosis. Classify antipsychotics with examples. Write the pharmacology of chlorpromazine.

SHORT ESSAYS**6 x 5 = 30 Marks**

4. Write the principles and methodology involved in the phase III clinical trials.
5. What are preanaesthetic medications? Explain with examples.
6. Write the pharmacology of morphine.
7. Enlist proton pump inhibitors. Write the pharmacology of omeprazole
8. Classify cephalosporins with examples and mention therapeutic uses.
9. Explain general principles of treatment and management of acute poisoning.
10. Classify immunostimulants with examples. Write the pharmacology of interferon.
11. Write the pharmacological actions and adverse affects of local anaesthesia.

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

12. Write four advantages of bioassay.
13. What are the parameters determined in Phase II clinical trial?
14. Name the neurotransmitters involved in depression?
15. Write adverse effect of aspirin.
16. What are laxatives and purgatives, name one example for each?
17. What is bacterial resistance?
18. Define immunostimulants and immunosuppressants
19. Enlist the four uses of chloramphenicol
20. Treatment for lead toxicity.
21. Name the causative organism of malaria?
