

Rajiv Gandhi University of Health Sciences, Karnataka

Sixth Semester B. Pharm Degree Examination –

Time: Three Hours

Max. Marks: 75 Marks

PHARMACOLOGY - III

Q.P. CODE: 5024

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 anti ulcer agents with examples. Write mechanism of action and therapeutic uses of PPIs.
2. Classify Penicillins. Write mechanism of action, adverse effects and uses of Penicillin- G.
3. Classify antitubercular agents. Explain mechanism of action of INH and Rifampicin.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. What is bronchial asthma? Classify drugs used in its treatment.
5. Classify antibiotics on the basis of mechanism of action along with examples.
6. Write mechanism of action and uses of streptomycin.
7. Write mechanism of action, adverse effects and uses of Zidovudin.
8. Write a flow chart showing life cycle of plasmodium species.
9. Describe mechanism of action and therapeutic uses of alkylating agents.
10. Explain mechanism of action and uses of cyclosporine.
11. Outline the steps involved in the elimination of orally ingested poisons.
12. Explain the terms acute, subacute and chronic toxicity studies along with their purpose.

SHORT ANSWERS (Answer All)

10 x 2 = 20 Marks

13. Enlist non systemic antacids.
14. Write uses of expectorants and Antitussives.
15. What are nasal decongestants? Give examples.
16. Mention four classes of antibiotics acting by inhibiting cell wall synthesis.
17. Mention the drugs used for treatment of filariasis.
18. Mention common causative organisms for UTI.
19. Enlist corticosteroids.
20. What is teratogenicity? Give an example.
21. Mention four biological rhythms.
22. What is biological clock?
