

Rajiv Gandhi University of Health Sciences, Karnataka

Sixth Semester B. Pharm Degree Examination – 16-Jun-2022

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.

All the Questions are compulsory.

LONG ESSAYS

2 x 10 = 20 Marks

1. What are laxatives and purgatives? Classify them with examples. Write the mechanism of action and uses of saline cathartics.

OR

What are aminoglycoside antibiotics? Write the antimicrobial spectrum, mechanism of action, adverse reactions and therapeutic uses of streptomycin.

2. Classify antifungal agents with examples. Write the mechanism of action, adverse reactions and therapeutic uses of amphotericin B.

SHORT ESSAYS

7 x 5 = 35 Marks

3. What are mucolytics? Give examples. Write mechanism of action of Bromohexine.

OR

What are polyene antibiotics? Give examples. Enlist their therapeutic uses.

4. What are sulfonamides? Classify them with examples.

OR

Classify antiviral agents with examples. Write the mechanism of action, adverse effects and therapeutic uses of zidovudine.

5. Write the mechanism of action and uses of chloroquine.
6. Classify alkylating agents and write their mechanism of action.
7. Classify Immunosuppressants with examples, write the mechanism of action of tacrolimus.
8. Write the signs, symptoms and treatment of morphine poisoning.
9. Explain mutagenicity and chronic toxicity with suitable examples.

SHORT ANSWERS

10 x 2 = 20 Marks

10. What are appetizers? Give examples.
11. What are nasal decongestants? Give examples.
12. What are the Differences between bronchial asthma and COPD?
13. Give four reasons for combined use of antibiotics.
14. Outline mechanism of action of metronidazole.
15. Mention four urinary antiseptics.
16. Write adverse effects of Cyclosporin.
17. Write signs and symptoms of organophosphorous poisoning.
18. What is circadian rhythm? Give an example of drug affected by it.
19. Explain the term Chronopharmacology.
