

Rajiv Gandhi University of Health Sciences, Karnataka
Sixth Semester B. Pharm Degree Examination – 04-Jun-2024 *Supply.*

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. Classify antiemetic drugs with examples. Write the mechanism of action, adverse effects and therapeutic uses of Ondansetron.

OR

Classify antitubercular drugs with examples. Explain the mechanism of action, adverse effects and uses of Isoniazid and Ethambutol.

2. Define and classify aminoglycoside antibiotics with examples. Write the mechanism of action, adverse effects and uses of Streptomycin.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Write the mechanism of action, toxicity and uses of Chloroquine.

OR

Explain the Rational behind combined therapy of antibiotic agnets with examples.

4. Write the mechanism of action, toxicity and uses of Methotrexate.

OR

Write the mechanism of action, toxicity and uses of Cotrimoxazole.

5. Explain acute, subacute and chronic toxicity studies along with their purpose.
6. Explain the mechanism of action and uses of Cyclosporine.
7. Write about symptoms and treatment of arsenic poisoning.
8. Define Mucolytics with examples. Write mechanism of action and uses of Bromohexine.
9. Define and classify anti-viral drugs with examples. Add a note on Zidovudine.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Differentiate between Bronchial asthma and COPD.
11. Define Super infection with examples.
12. Name the monoclonal antibodies used for Immunosuppression.
13. Name any two sexually transmitted diseases with their causative organism.
14. Name the drugs used for treatment of Helminthiasis.
15. Define the terms – Circadian rhythm and Circannual rhythm.
16. Define Chronotherapy and write its applications.
17. Write about Teratogenecity with examples.
18. Differentiate between expectorants and antitussives.
19. Write the mechanism of action of pantoprazole.
