

Rajiv Gandhi University of Health Sciences, Karnataka
Sixth Semester B. Pharm Degree Examination – 16-Nov-2021

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 semi synthetic penicillins with examples? Discuss antimicrobial spectrum, mechanism of action and uses of ampicillin.

OR

Classify antifungal agents with examples. Discuss anti-fungal spectrum, mechanism of action and uses of systemic Triazoles.

2. Classify anti-emetics with examples. Write mechanism of action, adverse effects and uses of domperidone

SHORT ESSAYS

7 x 5 = 35 Marks

3. What are respiratory stimulants? Explain pharmacology of any one.

OR

Explain rationale behind combined therapy of antimicrobial agents with examples.

4. Classify tetracyclines with examples. Explain why tetracyclines causes discoloration of teeth.

OR

Classify antiviral agents with examples. Write mechanism of action and uses of Zidovudin.

5. Classify anthelmintic agents with examples. Write mechanism of action of Benzimidazoles.
6. Write mechanism of action, adverse effects and uses of methotrexate.
7. What are Immunosuppressants and immunostimulants? Give examples. Write their applications.
8. Explain about elimination of orally ingested poison.
9. Explain the terms carcinogenicity and Mutagenicity with examples.

SHORT ANSWERS

10 x 2 = 20 Marks

10. What are antacids? Write their uses.
11. What are the differences between expectorants and Antitussives?
12. Mention mast cell stabilizers.
13. What is Superinfection? Give examples.
14. Mention types of leprosy.
15. Mention common causative organism of sexually transmitted diseases.
16. What are monoclonal antibodies used for immunosuppression.
17. Write antidotes for morphine and lead poisoning.
18. What is circadian rhythm?
19. Explain the term Chronopharmacology.
