

Rajiv Gandhi University of Health Sciences, Karnataka
Sixth Semester B. Pharm Degree Examination – 25-Oct-2024

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. Define antiemetics and classify them with examples. Write mechanism of action, adverse effects and therapeutic effects of ondansetron.

OR

What are cephalosporins? Classify them with examples. Write their mechanism of action, adverse reactions and therapeutic uses.

2. Name the causative organisms of malaria. Classify antimalarials with examples. Write the mechanism of action, adverse effects and therapeutic effects of artemisinin.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Define respiratory stimulants with examples. Write their mechanism of action and therapeutic uses.

OR

Explain the mechanism of development of antimicrobial resistance.

4. What are broad spectral antibiotics? Give examples. Write the mechanism of action of chloramphenicol.

OR

Classify antileprotic drugs with examples. Write the mechanism of action of dapson.

5. Classify antiviral agents with examples. Write the adverse effect and therapeutic uses of acyclovir.

6. Write the mechanism of action and uses of Fluoroquinolones.

7. Write a note on monoclonal antibodies as Immunosuppressants.

8. Write the signs, symptoms and treatment of barbiturate poisoning.

9. Explain genotoxicity and teratogenicity with suitable examples?

SHORT ANSWERS

10 x 2 = 20 Marks

10. Define carminatives with examples.
11. Differentiate between COPD and asthma.
12. Define expectorant with examples.
13. What are probiotics? Give examples.
14. What is HAART?
15. What are major adverse effects of cytotoxic agents?
16. Enlist T-cell inhibitors.
17. Mention antidotes for any four heavy metals.
18. Write the significance of Chronopharmacology.
19. What is biological clock?
