

FACULTY OF PHARMACY

B. Pharmacy VI - Semester (PCI) (Backlog) Examination, March 2024

Subject: Pharmacology-III

Time: 3 Hours

Max. Marks: 75

PART-A

Note: Answer all the questions.

(10 x 2 = 20 Marks)

1. Define the terms malignancy and poison.
2. What are decongestants and anti tussives? Give examples.
3. Give the adverse drug reactions of Aminoglycosides.
4. What is teratogenicity? Give examples.
5. Differentiate between narrow spectrum and broad spectrum antibiotics with examples.
6. Write the uses of Laxatives.
7. Write the mechanism of monoclonal antibodies.
8. What is HAART?
9. Write the mechanism of action of Methylxanthines.
10. What is genotoxicity?

PART-B

Note: Answer any two questions.

(2 x 10 = 20 Marks)

11. Classify anti cancer drugs with examples. Write the mechanism, pharmacokinetics, uses and adverse drug reactions of antimetabolites.
12. Write the general principle measures of treatment of poisoning and explain organophosphorus poisoning.
13. Classify anti viral drugs with examples. Write the mechanism of action, Pharmacokinetics, adverse drug reactions and uses of NRTI's.

PART-C

Note: Answer any seven questions.

(7 x 5 = 35 Marks)

14. Classify anti asthmatics with examples. Write a detail note on bronchodilators in the treatment of asthma.
15. Classify anti leprotic drugs with examples and explain pharmacology of dapsone.
16. Write in brief about the circadian rhythm and its impact on pharmacological therapy with examples.
17. Briefly write about acute, sub acute and chronic toxicity studies.
18. Classify anti tussives with examples. Write their mechanism and uses.
19. Write the mechanisms of antibiotic resistance development.
20. Classify anti-fungal drugs with examples. Write about azoles.
21. What are alkylating agents? Classify them. Write mechanism and Adverse drug reaction of them.
22. Briefly write about the role of Calcineurin inhibitors as immuno suppressants
