

PHARMACOLOGY - II

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Describe the mechanism of action and pharmacological actions of diazepam.
Mention four uses and two adverse reactions of diazepam. (6 + 4)
2. Classify anticancer agents with examples. Describe the mechanisms of actions and adverse effects of alkylating agents (5 +5)
3. Classify drugs used in peptic ulcer. Discuss the pharmacological actions and adverse effects of cimetidine (4+4+2)

Short notes

(14x5=70)

4. Mechanism of action and adverse effects of 5-flucytosine
5. Mechanism of action and side effects of zidovudine
6. Classify NSAIDs and explain the general mechanism of actions.
7. Classify purgatives with examples. Describe the mode of action of any one group
8. Explain the molecular mechanism of action of opioids.
9. Principles of radioimmunoassay
10. Classify antipsychotic drugs with examples
11. Mechanism involved in T cell inhibition of cyclosporine
12. Classify antiparkinsonian drugs with examples
13. Different phases of clinical trials.
14. General treatment for acute drug poisoning
15. Explain the importance of pre anesthetic medication with different examples
16. Compare and contrast heparin and warfarin
17. Classify diuretics with examples. Explain briefly, the mechanism of action of spironolactone
