

ANSWER ANY FOUR**4 X 25 = 100 Marks**

1. (a) Discuss the mechanisms of action of antianginal drugs and add a note on antianginal combination.
(b) With a neat diagram describe the mechanisms of action of different classes of diuretics.
2. (a) Discuss the mechanisms of action of anticancer agents.
(b) Explain the mechanisms of action of drugs interfering with protein synthesis.
3. (a) Management of acute poisoning.
(b) Discuss the mechanisms of action of Benzodiazepines and Barbiturates.
4. (a) Classify and discuss the mechanism of action different drugs used in different types of anemia.
(b) Discuss cholinergic neurotransmission and explain how drugs affect this.
5. (a) Outline the mechanisms of action of antidiabetic drugs.
(b) Discuss the pain pathway and explain the role of opioids in pain relief.
6. (a) Write a detailed account of the mediators of immune system and explain how drugs modify their effect.
(b) Explain the mechanisms of action of antiulcer drugs.

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