

Instructions:

- a) All questions are compulsory
- b) Draw diagrams wherever necessary
- c) Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.
- d) Do not write anything on the blank portion of question paper, if written anything such type of act will be considered as an attempt to resort to unfair means

Q1. Long Answer questions

2 X 10 = 20

- a. Briefly describe mechanism of drug actions with suitable examples.
- b. Classify anti-anginal drugs. Describe in brief mechanism of action & therapeutic uses of Metoprolol.

Q2. Short Answer Questions

4 X 5 = 20

- a. Mention therapeutic uses, adverse effects & contraindications of spironolactone.
- b. Enlist oral & parenteral iron preparations. Mention their uses & side effects.
- c. Describe mechanism of action and therapeutic uses of ACE inhibitors.
- d. Briefly describe therapeutic uses and adverse effects of first generation ant-histamines.

Q3. Very Short Answer Questions

1 X 10 = 10

- a. Define physiological antagonism
- b. Enlist any two muscle relaxants & mention their two indications.
- c. What are anti-motility drugs? Give one example.
- d. Briefly explain first order kinetics.
- e. Mention two antiemetic drugs.
- f. Define anti-tussives. Give one example.
- g. Enlist any two topical (ocular) anticholinergic drugs.
- h. Briefly explain mechanism of action of warfarin.
- i. Mention two contraindications of nitrates.
- j. Define inotropics. Give one example.