

**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. Classify Oral Hypoglycaemic drugs. Explain the mechanism of action, uses and side effects of Sulfonylureas.
- b. Classify Antiepileptic drugs. Describe mechanism of action, therapeutic uses and adverse effects of Phenytoin sodium. Mention newer antiepileptic drugs.

**Q2. Short Answer Questions**

4 X 5 = 20

- a. Therapeutic uses and adverse effects of Morphine.
- b. Write short note on DMARD.
- c. Write short note on Albendazole.
- d. Three differences between Barbiturates and Benzodiazepines.

**Q3. Very Short Answer Questions**

1 X 10 = 10

- a. Explain briefly the pharmacological basis for combining Carbidopa with Levodopa.
- b. What is Raloxifene and mention one use.
- c. Mention the rationale of combining Trimethoprim with sulfamethoxazole.
- d. Mention two Protease inhibitors.
- e. Mention the names of drugs used in treatment of Hook worm infestation.
- f. Mention the names of Fat-soluble vitamins.
- g. Define Tocolytics with examples.
- h. Why Mesna is given simultaneously with Cyclophosphamide.
- i. What is Goserelin and mention one use.
- j. Mention two Demelanizing agents.