

**35175 : Medicinal Chemistry - III : T-7.2**

P. Pages : 1

Time : Three Hours

**AW - 2320**

Max. Marks : 60

- Notes :
1. All question carry equal marks.
  2. Answer **any five** question.
  3. Discuss the reaction, mechanism wherever necessary.
  4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. What are Diuretics? Classify them with examples. Explain mechanism of action and SAR of thiazide diuretics. **12**
2. Classify Antihypertensive agents with examples. Write a note on ACE inhibitors. **12**
3. Define and classify Hypnotics and sedatives with examples. Discuss in detail barbiturates. **12**
4. What are steroidal sex hormones? Give examples. Discuss in detail Androgens and anabolic steroids. **12**
5. What are local anaesthetics? Classify them with examples. Explain SAR of local anesthetics. **12**
6. What are Antipsychotics? Classify them with examples. Discuss SAR of phenothiazine derivatives. **12**
7. Write a note on **any two**. **12**
  - a) Calcium channel blockers.
  - b) HMG CoA reductase inhibitors.
  - c) Glucocorticoids.
  - d) CNS stimulants.

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