





- 2) Explain SAR and mechanism of action of Carbonic Anhydrase Inhibitor Diuretics and Write synthesis of Acetazolamide.
- 3) What are antihypertensive drugs? Classify them and give one structural example of each class.

**3. Short Answer Questions. (Solve any seven).**

**5x7  
=35**

- 1) Write Synthesis, MOA and Uses of Furosemide
- 2) Write MOA and Synthesis of Nitroglycerin
- 3) Write Synthesis, MOA and Uses of Furosemide
- 4) Write Synthesis, MOA and Uses of Promethazine
- 5) Write Synthesis, MOA and Uses of Tolbutamide
- 6) Write Synthesis, MOA and Uses of Disopyramide phosphate
- 7) Write Synthesis, MOA and Uses of Chlorithizaide
- 8) Write Synthesis, MOA and Uses of Methyldopa hydrochloride
- 9) Write Mechanism of action of ACE inhibitors and Aldosterone antagonist.

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