

**Use Separate answer script for each group**

Attempt all questions. The figures in the margin indicate distribution of marks in each questions

Group – A

1. (a) Enumerate the drugs used in the treatment of acute myocardial infarction. Mention the pharmacological basis of beta blockers in myocardial infarction. 5+5
- Or (b) Enumerate the drugs used in the treatment of Glaucoma. Mention the mode of action of Pilocarpine in glaucoma and its side effects. 5+3+2

Group – B

2. Explain why (any three) : 3 x 3
- a) Pyridostigmine is used in the treatment of Myasthenia gravis.
 - b) Frusemide is regarded as a high ceiling diuretic.
 - c) Ramipril is preferred as an antihypertensive agent associated with diabetes mellitus.
 - c) Nebulised salbutamol is used in the treatment of acute bronchial asthma.

Group – C

3. Discuss the mechanism of action of (any three) : 3 x 3
- a) Promethazine is used in motion sickness
 - b) ACE inhibitors are used in heart failure.
 - c) Amyl nitrate in cyanide poisoning.
 - d) Tamsulosin in benign hypertrophy of prostate.

Group -D

4. Write short notes on (any four) : 4 x 3
- a) Therapeutic drug monitoring
 - b) Apparent Volume of distribution
 - c) Drug dependence
 - d) Cetirizine
 - e) Amlodipine