



Subject : Pharmacology

Paper – I

Full Marks : 40

Time : 2 hours

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

Group – A

1. (a) Enumerate the antihypertensive drugs. Outline the management of hypertensive emergency. Mention the side effect of ACE inhibitors. 4+4+2
- Or
- (b) Enumerate drugs used in Angina Pectoris. Outline the mechanism of action of nitrates. Outline the management of unstable angine. 4+4+2

Group – B

2. Explain why (any three) : 3 x 3
- a) Atropine sulphate is not used in acute congestive glaucoma.
 - b) Montelukast is not used in acute attack of bronchial asthma.
 - c) LMW heparin is superior to conventional heparin.
 - d) Adrenaline injection is used in anaphylactic shock.

Group – C

3. Write the mechanism of action of (any three) : 3 x 3
- a) Transdermal drug delivery system.
 - b) Pantoprazole in acid-peptic disease.
 - c) Levosulpiridine as prokinetic agent.
 - d) Pralidoxime is used in Organo phosphorus poisoning.

Group -D

4. Write short notes on (any four) : 4 x 3
- a) Orphan drugs.
 - b) Essential drugs.
 - c) Clinical trials.
 - d) Furosemide.
 - e) Sodium Chromoglycate.