

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 drugs used in chronic heart failure. Mention the role of diuretics in heart failure.
Outline the management of acute left ventricular failure. 4+2+4
- Or
- (b) Enumerate the drugs used in treatment of Glaucoma. Mention the reason of using each drug. 4+6

Group – B

2. Explain why (*any three*) : 3 x 3
- a) Vitamin K is used in treatment of warfarin overdose.
 - b) Beta Blockers are contraindicated in peripheral vascular diseases.
 - c) Dopamine is used in cardiogenic shock.
 - d) Intravenous route is the route of emergency.

Group – C

3. Write the mechanism of action of (*any three*) : 3 x 3
- a) Clopidogrel as anti platelet agent.
 - b) Transdermal drug delivery system.
 - c) Promethazine in motion sickness.
 - d) Sumatriptan in acute attack of Migraine.

Group -D

4. Write short notes on (*any four*) : 4 x 3
- a) Plasma half life
 - b) Loading dose
 - c) Anti-snake venome
 - d) Low molecular weight heparin
 - e) Atropine sulphate is used in preanaesthetic medication