



Subject: Pharmacology
Paper: I

Time: 2 hrs.
Full Marks : 40

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) Classify drugs used in treatments of hyperlipidemia. What is the mechanism of action of statins and what effects do they have on the lipid profile? What are their important adverse effects ? 4+4+2
- or
- b) How will you treat a case of acute pulmonary oedema? Mention two side effects of each drug used. 7+3

Group-B

2. Explain why? (any three) : 3 x 3
- a) ACE inhibitors are preferred in the treatment of hypertension with diabetes mellitus.
 - b) Treatment of iron – deficiency anaemia with oral-iron usually requires for many months.
 - c) Nasal decongestant should not used for prolonged period.
 - d) Dopamine in cardiogenic shock.

Group – C

3. Describe the mechanism of action (any three) : 3 x 3
- a) Vitamin K as an antidote in Warfarin overdose.
 - b) Ergotamine in the treatment of acute attack of migraine.
 - c) Thiazide diuretics in treatment of hypertension.
 - d) Alpha-adrenergic blockers in the treatment of benign prostatic hyperplasia.

Group -D

4. Write short notes on (any four) : 4 x 3
- a) Metered dose inhaler.
 - b) Dimercaprol.
 - c) Tolerance.
 - d) Drug antagonism.
 - e) Inhaled cortico steroids.