

**2010****Paper - I****Full Marks 40****Use Seperate answer script for each group***Attempt all questions. The figures in the margine indicate distribution of marks in each questions***Group – A**

1. (a) Enumerate the drugs used in the treatment of congestive cardiac failure. Discuss the adverse effects and current status of digoxin in the treatment of congestive cardiac failure. 4+3+3
- Or (b) Enumerate drugs for the treatment of bronchial asthma. Mention the mode of action of salbutamol and its common side effects. 3+4+3

**Group – B**

2. Explain why (*any three*) : 3 x 3
- a) Phenoxybenzamine is used in the management of pheochromocytoma.
  - b) Sildenafil is not safe for patients on nitrate therapy.
  - c) Neostigmine is preferred over physostigmine in the treatment of myasthenia gravis.
  - d) Metoprolol is preferred over propranolol in hypertensive patients with diabetes mellitus.

**Group – C**

3. Discuss the mechanism of action of (*any three*) : 3 x 3
- a) Nifedipine in the treatment of hypertension.
  - b) Warfarin as an oral anti-coagulant.
  - c) Verapamil in cardiac arrhythmia.
  - d) Dopamine in cardiogenic shock.

**Group -D**

4. Write short notes on (*any four*) : 4 x 3
- a) Thrombolytic drugs.
  - b) Pharmacovigilance.
  - c) Pharmacogenetics.
  - d) Parenteral iron therapy.
  - e) Phase II metabolism of drugs