

**Use Separate 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