

**PHARMACOLOGY****Paper – I****Time allowed : 2 Hours****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) Give an outline of ideal therapeutic regimen for a patient suffering from congestive cardiac failure. What are the possible cardiac toxic effects of digitalis therapy and what are the early indications of toxicity ? 7+2+1

Or

- (b) On the occasion of Hindu religious festival a group of men have consumed dhatura seeds. They were brought to a nearby hospital. Mention the signs and symptoms of this type of poisoning. Describe the pharmacological basis of treatment of the conditions. 4+6

**Group – B**

2. Explain why (*any three*) : 3 x 3
- a) Monteleukast is not used in acute attack bronchial asthma
  - b) Iron and folate supplementation are recommended routinely during pregnancy.
  - c) Low molecular weight heparine preparations are superior.
  - d) Adrenaline injection is given in anaphylactic shock.

**Group – C**

3. Briefly outline the mechanism of action of (*any three*) : 3 x 3
- a) Mosapride is prokinetic agent
  - b) GTN in angina pectoris
  - c) Olmesartan as antihypertensive agents
  - d) Cyanocobalamine as haematinic agent

**Group -D**

4. Write short notes on (*any four*) : 4 x 3
- a) Losartan
  - b) Therapeutic index
  - c) Enzyme induction
  - d) Physical retribution of drugs
  - e) Receptor antagonism