

Subject : Pharmacology  
Paper – I

Full Marks : 40  
Time : 2 hours

**Use Seperate answer script for each group**

*Attempt all questions. The figures in the margine indicate full marks*

**Group – A**

1. (a) Enumerate Anticholinergiv drugs and their side effects. Outline the management of a case of Organo-phosphorus poisoning. 3+3+4

Or

- (b) Enumerate the different group of drugs which are used in bronchhial asthma. How will you treat a case of status asthmaticus ? Name two drugs which may precipitate asthma and how ? 4+4+2

**Group – B**

2. Explain why (*any three*) : 3 x 3
- a) Adrenaline is the drug of choice in anaphylactic shock.
  - b) Alteplase is preferred over streptokinase in acute myocardial infarction.
  - c) Iron therapy is contraindicated in Thalassemia.
  - d) Frusemide is combined with Spironolactone as diuretic.

**Group – C**

3. Discuss the mechanism of action of (*any three*) : 3 x 3
- a) Low dose aspirin in acute myocardial infarction.
  - b) Glycopyrrholate in preanaesthetic medication.
  - c) Heparin as anticoagulant.
  - d) ACE Inhibitors induces cough.

**Group -D**

4. Write short notes on (*any four*) : 4 x 3
- a) Plasma Protein binding of drugs
  - b) Amiodipine
  - c) Omeprazole
  - d) Essential and Orphan drugs.
  - e) Levo cetirizine.