



Time: 3 Hrs.

[Max. Marks: 100]

**PHARMACOLOGY - PAPER I (Revised Scheme)**

**QP Code: 1060**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.

**LONG ESSAY**

**2 X 9 = 18 Marks**

1. Mention the factors affecting "Drug absorption" with suitable examples
2. Classify anti-cholinergic drugs. Discuss the mechanism of action pharmacological actions therapeutic uses of atropine.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Teratogenicity
4. Cardiac uses of beta blockers
5. Dissociative anaesthesia
6. Fab antibodies in digoxin toxicity
7. Halothane
8. Treatment of status asthmaticus
9. Newer anti epileptic drugs
10. Adverse effects of diuretics
11. Calcium channel blockers
12. Plasma half life

**SHORT ANSWERS**

**16 X 2 = 32 Marks**

13. Rationale of use of diazepam in status epilepticus
14. Morphine is contra-indicated in head injury. Give two reasons
15. Plasma expanders
16. Mention 2 beta blockers in glaucoma
17. Mention 2 uses of alpha - blockers
18. Desferrioxamine
19. Mention 2 uses of adrenaline
20. Treatment of pernicious anaemia
21. 2 adverse effects of digoxin
22. Rationale of use of disulfiram in alcoholism
23. Uses of aspirin
24. Mechanism of action of nitrates in angina
25. Oxygen therapy
26. Uses of chlorpromazine
27. Mention two nasal decongestants with two adverse effects
28. Rationale of use of Beta-2 stimulants in bronchial asthma