

**Time: Three Hours****Max. Marks: 100 Marks****PHARMACOLOGY -Paper -I  
(RS2 & RS3 SCHEME)****QP Code: 1085**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

**LONG ESSAYS****2 x 10 = 20 Marks**

1. Classify antihypertensives. Explain the pharmacological actions, adverse effects and uses of angiotensin converting enzyme (ACE) inhibitors.
2. Define bioavailability. Describe the various factors affecting drug bioavailability with examples.

**SHORT ESSAYS****10 x 5 = 50 Marks**

3. Low molecular weight heparins
4. Uses of osmotic diuretics
5. Atropine substitutes as mydriatics
6. Uses of adrenaline
7. Benzodiazepines
8. Pure opioid antagonists
9. Uses of anticholinesterases
10. Preanaesthetic medication
11. Cardioselective beta blockers
12. Uses and adverse effects of sodium valproate

**SHORT ANSWERS****10 x 3 = 30 Marks**

13. Drug therapy in paracetamol poisoning
14. Define tachyphylaxis with examples
15. Why beta-blockers are combined with long acting nitrates in angina?
16. Rationale of using Digoxin in congestive heart failure
17. Indications of parenteral iron
18. Rationale of using low dose aspirin in patients with myocardial infarction
19. Name three centrally acting skeletal muscle relaxants
20. Rationale of using selegiline in parkinsonism
21. Treatment of status epilepticus
22. Potassium channel openers

\*\*\*\*\*