

**Q.P. CODE: 505-A**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA-8**  
**M.B.B.S. DEGREE EXAMINATION - JANUARY, 2013**  
**SECOND M.B.B.S. EXAMINATION**  
**PHARMACOLOGY**  
**PAPER-I**

Time: 2 Hours

Max. Marks: 40

**Note: Answer all questions. Give diagrammatic representation wherever possible.**

1) Classify Beta adrenergic blocking drugs. Write the Pharmacological actions, therapeutic uses and contraindications of propranolol. 2+3+2+3=10

**WRITE SHORT NOTES ON:**

5 x 4 = 20

2) Mechanism of action and therapeutic uses of neostigmine.

3) Mechanism of action and therapeutic uses of amlodipine.

4) Mechanism of action and therapeutic uses of dantrolene.

5) Advantages and disadvantages of nitrous oxide as general anaesthetic.

6) Advantages and disadvantages of intravenous route of drug administration.

**WRITE BRIEFLY ON:**

5 x 2 = 10

- 7) Mechanism of action and therapeutic uses of tamsulosin.
- 8) Mention two therapeutic uses of mannitol with route of administration.
- 9) Mention four drugs used in absence seizure (Petit mal epilepsy)
- 10) Mention four newer drugs used in treatment of Parkinsonism.
- 11) Define drug synergism and drug antagonism.

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