

Q.P. CODE: 505-A
DR NTR UNIVERSITY OF HEALTH SCIENCES ::
VIJAYAWADA-8
M.B.B.S. DEGREE EXAMINATION - MAY, 2006
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY - PAPER I
[NEW REGULATIONS]

Time: 2 Hours

Max. Marks: 40

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

1) Classify opioid analgesics. Write the pharmacological actions and adverse effects of Morphine, Outline the treatment of acute Morphine poisoning. 10

WRITE SHORT NOTES ON:

5 x 4 = 20

2) Digoxin toxicity and treatment.

3) Difference between Pancuronium and succinylcholine. Indications of Succinylcholine.

4) Definition of biotransformation of drugs. Two examples for synthetic biotransformation reactions.

5) Define therapeutic index. What is its clinical importance ?. Name two drugs with low therapeutic index.

6) Enumerate the nasal decongestants. Mechanism of action and therapeutic uses of any one of them.

WRITE BRIEFLY ON:

5 x 2 = 10

7) Difference between Loratidine and promethazine.

Basis for their use in therapy.

- 8) Give reason for rise of blood pressure when clonidine is abruptly stopped.
- 9) The mechanism of action of mannitol as a diuretic.
What are other therapeutic uses of mannitol ?
- 10) Explain how nitrates are useful in cyanide poisoning.
- 11) Desmopressin - Mechanism of action and two uses.

www.FirstRanker.com