

PY - 405
B.Pharm. IV Semester

Examination, June 2013

Pharmacology - I

Time : Three Hours

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Maximum Marks : 70

Note: Solve any five.

Give diagrams wherever necessary.

All questions carry equal marks.

1. Enlist the advantages and disadvantages of different routes of drug administration.
2. Define sympathomimetics and parasympathomimetics. Explain the pharmacological actions and uses of adrenergic drugs.
3. Describe the pharmacological actions of Histamine. Add a note on antihistamines.
4. What are analgesics? Write the pharmacological actions, mechanism, uses and adverse effect of Paracetamol or Nimesulide.

5. Write in brief pathophysiology of bronchial asthma. Describe the pharmacology of agents used to treat bronchial asthma.
6. Write in brief about any two of the following :
 - a) Role of 5 HT antagonists
 - b) Atropine
 - c) Bioassay
 - d) Prostaglandins
7. Write short note on any two of the following :
 - a) Drug Receptors.
 - b) Drug metabolism.
 - c) Neuromuscular blocking agents.
 - d) General treatment of poisoning.

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