

PY - 503

B.Pharm. V Semester

Examination, December 2012

Pharmaceutical Chemistry - VI

(Medicinal Chemistry - I)

Time : Three Hours

Maximum Marks : 70

- Note :*
1. Attempt any five questions.
 2. All questions carry equal marks.

- 1) What do you understand about mast cell stabilizer and inhibitors of released histamine also write about H_2 and H_3 antagonist.
- 2) Explain neurochemistry and stereochemistry of serotonin. Write about 5HT agonists as well as antagonists.
- 3) Explain neuromuscular blocking agents and ganglionic blocking agents. Also write about muscarinic agonists and antagonists.
- 4) Write about drugs affecting catecholamine biosynthesis, storage and release. Give stereochemistry of norepinephrine.
- 5) Discuss phase I and Phase II of drug metabolism with examples.

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- 6) Write about mechanism of action of NSAIDS give SAR, synthesis and uses of any two NSAIDs

- 7) Write note on prodrug and drug latentiation

OR

Receptors and drug action.

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