

PY-405**B.Pharmacy IV Semester**

Examination, June 2017

Pharmacology - I*Time : Three Hours***Maximum Marks : 70****Note:** i) Attempt any five questions.

ii) All questions carry equal marks.

1. Discuss the process of drug discovery and development.
2. Enlist major effector pathways of G-Protein coupled receptors. Discuss any one in detail.
3. Enlist cholinergic receptors with locations and functions.
4. Classify alpha blockers with their uses.
5. Discuss the pharmacology of H-1 antagonist.
6. Discuss the treatment of Migraine.
7. Classify and discuss pharmacology of Antigout drugs.

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8. Answer any four of the following:

- a) Enlist steps in systematic treatment of poisoning.
- b) Describe treatment of smoking cessation.
- c) Describe action of prostaglandins on cardiovascular system.
- d) Discuss the pharmacology and uses of Ibuprofen.
- e) Write a brief note on codeine.
- f) Classify antitussives with examples.

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