

PY-405(N)

B. Pharm. (Fourth Semester)

EXAMINATION, June, 2012

(Grading/Non-Grading)

RGPVONLINE.COM (New Scheme)

PHARMACOLOGY –I

[PY-405(N)]

Time : Three Hours

Maximum Marks : 70

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

1. Describe various routes of drug administration, with their advantages and disadvantage.
2. Give account of process of drug transport across the membranes.
3. Define Sympathetic drugs. Give the mechanism of action and various pharmacological actions of Adrenaline.
4. Discuss the pharmacology of Atropine or local anaesthetic drugs.
5. What are Autocoids ? Explain the pharmacological actions of histamin. Write a note on Antihistamins.
6. Classify NSAIDS. What are analgesics ? Explain the mechanism, uses and adverse effect of Aspirin.
7. Explain the pathophysiology of Bronchial Asthma. Describe antiasthmatic drugs.
8. Write short notes on any *two* of the following :
 - (a) G-protein coupled receptors
 - (b) Clinical trials
 - (c) Antigen drugs
 - (d) Myasthenia graves

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