

Roll No

BP-402 T (CBGS)**B.Pharm., IV Semester (PCI Scheme)**

Examination, May 2018

Choice Based Grading System (CBGS)**Medicinal Chemistry - I***Time : Three Hours**Maximum Marks : 75*

- Note:* i) Attempt any five questions.
ii) All questions carry equal marks.

1. Explain the following physiochemical parameters related to biological activity with examples:
 - a) Conization
 - b) Protein binding
 - c) Chelation
2. Explain phase I metabolism with examples.
3. Classify adrenergic antagonists with structure. Give synthesis of any two drugs from this class
4. Write biosynthesis of Acetylcholine. Give structure of cholinesterase inhibitors.
5. Give classification of sedative and hypnotics. Add mode of action and SAR of barbiturates.

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6. Explain classification of antipsychotics with SAR and mode of action of phenothiazines.
7. Describe general anaesthetics in detail.
8. Write short notes on (any three):
 - a) Synthesis of halothane
 - b) SAR of morphine
 - c) NSAIDS rgpvonline.com
 - d) Bioisosterism

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