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Total No. of Questions : 8] *[Total No. of Printed Pages : 2*

Roll No .....

PY-402-CBCS

B.Pharmacy IV Semester (Non-PCI Scheme)

Examination, June 2020

Choice Based Credit System (CBCS)

Medicinal Chemistry - I

Time : Three Hours

Maximum Marks : 75

Note: i) Attempt any five questions.
ii) All questions carry equal marks.
iii) Draw neat and well labelled structures wherever required.

1. Elaborate various factors affecting drug metabolism with suitable examples.

2. Give classification and structure activity relationship of beta adrenergic blockers.

3. Classify Parasympathomimetic agents; also discuss their structure activity relationship briefly.

4. Write an exhaustive note on Anti-inflammatory agents.

5. Discuss classification and mechanism of action of sedative and hypnotics drugs with suitable examples.

6. Discuss various physicochemical properties which affect biological action of drugs.

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7. Classify general anesthetics; write in brief about their mode of action and synthesis of any one drug from class.

8. Write short notes on followings (Any two):
   a) SAR of Sympathomimetic agents
   b) Synthesis of Tolazoline and Propranolol
   c) Anticonvulsants

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