

Roll No.

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Total No. of Pages : 01

Total No. of Questions : 06

M. Pharmacy (Sem.-2)
MEDICINAL CHEMISTRY-II
Subject Code : PHCHM-136
Paper ID : [A2487]

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carry SIXTEEN marks.

- Q1. What are alkylating agents? Classify and describe the SAR of various alkylating agents. Describe in detail the structure and synthesis of any two drugs in this class.
- Q2. a) Describe various types of calcium channel blockers. Describe the structure, synthesis and uses of any two drugs in this class.
- b) Describe the SAR of beta adrenergic blockers. Describe the structure, synthesis and uses of any two drugs in this class.
- Q3. Classify antidepressants. Write structures and IUPAC nomenclature of two drugs in each class. Describe the synthesis of any drugs in detail.
- Q4. a) Describe the agents used in treatment of tuberculosis.
- b) Describe the agents used in treatment of amoebiasis.
- Q5. Describe the SAR and various NSAIDs in detail giving structure, nomenclature and synthesis of two drugs of this class.
- Q6. Describe the SAR of antipsychotic agents. Describe the structure, synthesis and uses of any two drugs in this class.