

Roll No.

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Total No. of Pages : 01

Total No. of Questions : 06

M.Pharma(Pharmaceutical Chemistry) (Sem.-1)

CHEMISTRY OF NATURAL PRODUCTS

Subject Code : MPC-104T

M.Code : 74666

Date of Examination : 17-01-2023

Time : 3 Hrs.

Max. Marks: 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries FIFTEEN marks.

1. Discuss the role of natural products as source for antibiotics.
2. What are alkaloids? Give classification with suitable examples.
3. Discuss the stereochemistry and nomenclature of steroids.
4. Discuss role of NMR (^1H , ^{13}C) in structure elucidation of natural compounds.
5. Write a note on pharmaceuticals derived from biotechnology.
6. a) Give chemistry and significance of Vitamin A.
b) Give structure elucidation of menthol.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.