

Roll No.

Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy (Pharmacognosy) (Sem.-1)

PHYTOCHEMISTRY

Subject Code : MPG-103T

M.Code : 74671

Date of Examination : 19-01-2023

Time : 3 Hrs.**Max. Marks: 75**

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
 2. Each question carries FIFTEEN marks.
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1. Write a note on preparative HPLC.
 2. What are glycosides? Discuss the biosynthetic pathway for digitoxin.
 3. Write a note on role of herbs in drug discovery.
 4. Discuss role of NMR (^1H , ^{13}C) in structure elucidation of phytoconstituents.
 5. What is HPTLC? Give principle and application using suitable examples.
 6. Discuss protocol design for lead molecules.

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.