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Roll No.

Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy(Pharmacology) (Sem.-2)

PRINCIPLES OF DRUG DISCOVERY

Subject Code : MPL-203T

M.Code : 74945

Date of Examination : 02-01-2023

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 prodrug design in detail with suitable examples and/or flow charts. 15
2. a) Discuss concept of pharmacophore mapping and pharmacophore based screening. 8
b) Write a note on role of genomics on target validation. 7
3. Describe prediction of protein structure in detail with suitable examples. 15
4. Give a detailed account on modern drug discovery process. 15
5. Write short notes on the following:
a) Role of transgenic animals 5
b) Rational drug design. 10
6. Discuss the following with suitable examples:
a) Antisense technologies 5
b) QSAR 5
c) Docking. 5

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.