

Roll No.

Total No. of Pages : 01

Total No. of Questions : 06

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

DRUG DELIVERY SYSTEM

Subject Code : MPH-102T

M.Code : 74658

Date of Examination: 14-01-2023

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.
 - a. Explain the physicochemical and biological approaches for sustained release formulation.
 - b. What are the factors effecting controlled release formulations?
2.
 - a. Explain the properties and application of polymers.
 - b. What is the contribution of personalized medicine in pharmacogenetics?
3. Explain 3D printing of personalized medicine?
4. Write short note on :
 - a. Rate controlled drug delivery system
 - b. GRDDS
5. Give formulation and evaluation of :
 - a. Transdermal drug delivery system
 - b. Macromolecules
6. Write short note on :
 - a. Trandermal delivery of Vaccine
 - b. Ocular delivery

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.