

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (BT) (2014 to 2017) (Sem.-6)
DRUG DESIGNING AND DRUG DELIVERY SYSTEM
Subject Code : BSBT-314
M.Code : 47070

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt ANY FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt ANY TWO questions.

SECTION-A**1. Define the following :**

- a. Cellstrain
- b. Recombinant Protein
- c. Soft Drugs
- d. Docking
- e. ANDA
- f. Post Marketing Trial
- g. Matrix Drug Delivery System
- h. Microparticles
- i. Attenuated Vaccines
- j. Orange Book

SECTION-B

2. Discuss the therapeutic potential of subunit vaccines.
3. Discuss different methods of site specific drug delivery.
4. Describe the activities in phase II clinical trials.
5. Discuss the drawbacks of transdermal drug delivery.
6. Discuss the applications of liposomes.

SECTION-C

7. Discuss the structural modification of natural therapeutic compounds.
8. Discuss the steps undertaken by FDA for drug approval.
9. Discuss the preparation and applications of monoclonal antibodies.

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.