

Roll No.

Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (Sem.-7)
PHARMACEUTICS-VIII (Pharmaceutical Technology-II)

Subject Code : BPHM-702

M.Code : 71754

Date of Examintion: 21-12-2022

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **FIFTEEN** 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 **FOUR** questions carrying **TEN** marks each and students have to attempt any **THREE** questions.

SECTION-A

1. Define :

- a. What is coacervation?
- b. Write the evaluation parameters of microcapsules.
- c. Write the significance of tablet coating.
- d. Enlist the techniques to demonstrate the stability of capsules.
- e. Give the classification of route of administration.
- f. What are iso-osmotic solutions?
- g. What are the sources of contaminations?
- h. Define term aseptic.
- i. Discuss about LAL test.
- j. What are the medical prosthetics?
- k. What are dendrimers?
- l. Write the advantages and disadvantages of Controlled release system.
- m. Discuss the factors' influencing the choicer of containers.

- n. Discuss the term catgut suture?
- o. Discuss various evaluation techniques for parentals products?

SECTION-B

- 2. Explain the stability kinetics and quality assurance of tablets.
- 3. Write the principle and classification of parenteral CR drug delivery agents.
- 4. Gives a brief notes on aseptic techniques for parenteral pharmaceuticals.
- 5. Discuss in detail about Lyophilisation techniques.
- 6. Discuss in details Quality control of tablet.

SECTION-C

- 7. Explain the packaging of different types of pharmaceutical dosage form.
- 8. Discuss about coating of tablets. Gives detailed information on equipments used for coating of tablets.
- 9. What are the different types of surgical products? Gives detailed information of its manufacturing techniques.
- 10. What are the parenteral products? Discuss in details about advantages and Isotonicity adjustment of parenteral products.

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.