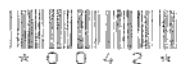


B. Pharm. Eighth Semester
35181 : Pharmaceutics - VI : T-8.1

P. Pages : 1

Time : Three Hours



AU - 0694

Max. Marks : 60

- Notes :
1. All question carry equal marks.
 2. Answer **any five** question.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. What are various principles involved in design of sustained release drug delivery system for oral administration? 12
2. Define microencapsulation and enlist various techniques involved in microencapsulation. Add a note on spray drying and spray congealing. 12
3. Write various methods of preparation of Resealed erythrocytes. Add a note of its collect purification and storage. 12
4. Write advantages, disadvantages, composition, classification of liposomes. 12
5. What is meant by Transdermal Drug Delivery systems? Discuss the formulation of TDDS. 12
6. a) What are biodegradable polymers? Explain with suitable examples. 6
 b) Discuss the concept of osmotic drug delivery systems with suitable examples. 6
7. Write short notes on **any two** of the following. 12
 - a) Microencapsulation by polymerization.
 - b) Accelerated stability testing.
 - c) Multiorifice centrifugation technique.
