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Roll No

MPY-203(PCS)

M.Pharmacy II Semester Examination, June 2020

Novel Drug Delivery System - II

(Advanced Pharmaceutics - III)

Time : Three Hours

Maximum Marks: 70

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks.

1. Explain the basic consideration in the delivery of proteins and peptides. Describe the significance of drug protein bindings.
2. Define liposome. Describe general consideration, methods of preparation and characterization of liposome.
3. Define dendrimers. Describe various methods of preparation and applications of dendrimers.
4. Write an exhaustive note on molecular basis of targeted drug delivery. Discuss various novel strategies of drug delivery systems.
5. Explain the basic aspects of microemulsions. Give the applications of microemulsions.
6. Discuss in detail novel nanoparticulate system. Give the therapeutic applications of nanoparticles.
7. Describe in detail about the various methods for drug loading to the erythrocytes and their characterization.
8. Write short notes on any two of the following:
 - a) Transfersomes
 - b) Liquid Crystals
 - c) Niosomes
