

Code No: CEU2A

M.Pharm. II Semester [R05] Regular/Supplementary Examinations, October, 2012
ADVANCES IN DRUG DELIVERY SYSTEM
(Pharmaceutics)

Time: 3 Hours

Max Marks: 60

Answer any FIVE Questions
All Questions carry equal marks

1. Discuss in detail the use of polymers in rate control mechanism of controlled release devices?
2. Write about approaches for development of transdermal therapeutic systems?
3. Describe in detail the barriers which constrain the in-vivo distribution of microparticulate drug carriers?
4. Illustrate the biomedical applications with examples of therapeutic peptides and proteins?
5. Discuss the limitations and problems associated with drug delivery to the brain?
6. Discuss in brief drug delivery to macrophages and lysosomal storage diseases?
7. Write the notes on Monoclonal antibodies in human cancers?
8. Discuss about formulation development & characterization of Niosomes?

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