

QP CODE: 112327

Reg. No:.....

First Semester M.Pharm Degree Supplementary Examinations July 2019

M.Pharm (Pharmaceutics)

Paper II – Drug Delivery System (MPH 101T)

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Explain the principle of mucoadhesion. Add notes on Buccal drug delivery system.
2. Explain the various mechanisms of drug delivery from sustained/controlled release formulations.
3. Describe the evaluation of transdermal drug delivery systems

Short Notes

(9x5=45)

4. Occuserts.
5. Explain about pharmacogenetics.
6. Discuss about mucosal delivery of vaccine.
7. Explain about the permeation enhancers in transdermal drug delivery.
8. Describe the advantages and disadvantages of gastro retentive drug delivery.
9. Explain in brief about bioelectronic medicines.
10. Explain the concepts on mechanically activated drug delivery system.
11. Explain the barriers for protein drug delivery.
12. Classify polymers with suitable examples.
