

QP CODE: 112327

Reg. No:.....

First Semester M.pharm Degree Examinations March 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. Describe the principles and fundamentals of feedback regulated drug delivery systems.
2. Describe the methods to overcome the barriers for ocular drug delivery systems.
3. Explain the principle, concept and approaches for developing gastro retentive drug delivery systems

Short Notes

(9x5=45)

4. Transdermal delivery of vaccines.
5. Barriers for protein delivery.
6. The structure of skin and barriers for transdermal delivery
7. The mechanism of drug delivery from a controlled release formulation.
8. pH activated delivery and its importance.
9. The various factors affecting the controlled released formulations.
10. The applications of buccal drug delivery systems.
11. Bio electronic medicines.
12. Definition and approaches for personalized medicine.
