

QP CODE: 113327

Reg. No:.....

First Semester M.pharm Degree Examinations April 2018

M.Pharm (Pharmaceutics)

Paper III – Modern Pharmaceutics (MPH103T)

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Discuss various methods to study the drug excipient interactions.
2. Explain different optimization techniques used in pharmaceutical formulation.
3. What are different types of validation. Explain the validation involved in tablet dosage forms

Short Notes

(9x5=45)

4. Explain the theory and general composition of SMEDDS.
5. Discuss the protocol for stability testing as per ICH guidelines.
6. The scope and merits of validation.
7. Add a note on inventory management and control.
8. What are different evaluation tests for parenterals. Explain any two evaluation tests.
9. Concept of total quality management.
10. Discuss physics of tablet compression.
11. Add a note on pharmacokinetic parameters
12. Similarity factors along with their applications.
