

PY - 801**B.Pharmacy VIII Semester**

Examination, June 2015

Pharmaceutical Technology - II*Time : Three Hours**Maximum Marks : 70*

Note: i) Solve any five questions.
 ii) Draw diagrams wherever necessary.

1. a) Describe in detail dry Granulation process. What are Ideal requirement for granules? 7
 b) Discuss various stage involves in consolidation of powders. 7
2. a) Give pharmaceutical application of microencapsulation. Discuss the principle, working and process variable for encapsulation of drug. 7
 b) Discuss the various techniques for evaluation of microcapsules. 7
3. a) Give the advantages of Osmotic Drug delivery system. Discuss in details its formulation. 7
 b) What are various techniques involved for evaluation of osmotic drug delivery products? 7
4. a) Discuss about legal and official requirement for containers and closures. 7
 b) What are the test involved while evaluation of strip packaging? 7
5. a) Discuss the importance of Pilot Plant scale up technique in Pharma Industry. 7
 b) Enlist the equipments used in pharma industries, pension wise. 7
6. a) Discuss the concept of first order for designing prolonged release dosage form. 7
 b) Discuss the process evaluation for manufacturing of liquid orals or capsulation. 7
7. a) Give the advantages of spray drying techniques for preparation of microcapsules. 7
 b) How microcapsules are evaluated? 7
8. Write notes on (any two) : 14
 - a) Transdermal drug delivery system
 - b) Matrix and Resources Techniques
 - c) Heckel Plots
 - d) Wet Granulation.
