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Roll No

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

Examination, June 2017

Pharmaceutics - X**(Pharmaceutical Technology - II)***Time : Three Hours**Maximum Marks : 70**Note : i) Answer any five questions.**ii) All questions carry equal marks.*

1. Describe evaluation test for granules with their significance.
2. Describe various stages of moist granulation process.
3. Describe air suspension technique of microencapsulation.
4. Discuss evaluation test for microcapsules.
5. Describe formulation consideration for matrix based sustained release formulation.
6. Write a short note on Liposomes as novel drug delivery system?
7. Discuss formulation consideration design of transdermal patches.

8. Answer any four of the following:

- a) Explain the terms: Compression and consolidation
- b) Discuss need of particle coating.
- c) Discuss mechanism of drug release in controlled release drug delivery system.
- d) Discuss mechanism of drug absorption through skin.
- e) Give a comparative account of blister and strip packaging.
- f) What are the Objectives of Packaging?

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