

**341815(41)**

B. Pharmacy (8<sup>th</sup> Semester)  
Examination, Nov. - Dec., 2016  
(New Scheme)

**Pharmaceutics-XII**  
**(Pharmaceutical Technology-III)**

Time Allowed : 3 hours

Maximum Marks : 70

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**Note :** Answer any five questions. All questions carry equal marks.

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1. What is Microencapsulation Technique? Discuss in brief about process of Microencapsulation with example.
2. Explain various methods involved in drug targeting with example.
3. Discuss about various types of carriers in drug delivery system, with special reference to materials used.
4. Give in detail about terminology, techniques of evaluation and release of extended release oral dosage forms.

(Turn Over)

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5. What is spray coating and spray congealing process? Explain techniques involved in these methods.
6. Give a detailed note on principle, components and application of Transdermal Drug Delivery system.
7. Write short notes on (any *two*) :
  - (a) Surgical cotton
  - (b) Prodrug
  - (c) Liposomes
  - (d) Sutures