B. PHARM.

(SEM. VI) EXAMINATION, 2006-07

PHARMACEUTICS – VIII

(Pharmaceutical Technology-II)

Time : 3 Hours] [Total Marks : 80

Note : (1) Attempt all questions.
(2) All questions carry equal marks.
(3) Be precise in your answer.

1 Write notes on any four of the following : 4x4=16
   (a) Advantages and disadvantages of capsules.
   (b) Soft Gelatin shells
   (c) Base Absorption
   (d) Micro-Encapsulation
   (e) Coacervation - Phase Separation Technique.

2 Attempt any two of the following : 2x8=16
   (a) How are tablets formulated?
   (b) With a neat sketch (line), describe a tablet machine.
   (c) How are coated tablets evaluated?

V-5113] 1 [Contd...
3 Answer any two of the following:  
(a) Write a comprehensive account of formulation of sustained release dosage forms.  
(b) How are ophthalmic ointments formulated and evaluated?  
(c) How are controlled release dosage forms evaluated?  

4 Answer any two of the following:  
(a) How will you prepare water for injection?  
(b) Describe the routes of administering, parenteral products.  
(c) Discuss the principle of Lyophilization and its application to parenteral products.  

5 Write detailed notes on any two of the following:  
(a) Official dressings  
(b) Packaging components and their evaluation  
(c) Testing of strip and buster packages.