

[LO 818]

MAY 2019

Sub. Code: 3818

**PHARM. D DEGREE EXAMINATION**  
**(2009-2010 Regulation)**  
**THIRD YEAR**  
**PAPER VI – PHARMACEUTICAL FORMULATIONS**

*Q.P. Code : 383818***Time : Three hours****Maximum : 70 Marks****I. Elaborate on:****(4 x 10 = 40)**

1. Explain the different granulation techniques used in the formulation of tablets.
2. Write a note on Nasal drug delivery system and explain about the mechanism of absorption enhancers.
3. Classify different types of suppositories and explain about cold compression method.
4. Describe the method of formulation for primary emulsion with different ratios of gum.

**II. Write notes on:****(6 x 5 = 30)**

1. Classify liquid dosage forms.
2. Describe friability test process.
3. Write a note on enteric coated tablets.
4. What are the methods adopted to maintain aseptic conditions?
5. Briefly explain manual method of capsule filling.
6. Define the following:
  - a) Blooms strength
  - b) Creaming
  - c) Pharmagel
  - d) Mottling
  - e) Chipping.

\*\*\*\*\*