

[LH 818]

OCTOBER 2015

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****Answer ALL questions****I. Elaborate on :****(4 x 10 = 40)**

1. Discuss in detail about various approaches for the development of implantable drug delivery system.
2. Describe in detail about Evaluation of large volume parenteral products.
3. Demonstrate the working principle of Rotary tablet compression machine with diagram.
4. Write in detail about steps involved in manufacturing of hard gelatin capsule shell.

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

1. Write a note on formulation excipients used in tablet manufacturing.
2. Distinguish between hard and soft Gelatin capsules.
3. State the significance of Stokes equation in the formulation of suspension.
4. Explain identification test for an emulsion.
5. Add a note on preservatives used for oral liquid formulations.
6. Describe formulation of ophthalmic ointment.
