

[LK 818]

MAY 2017

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. Describe various methods of sterilization for parenteral products in detail.
2. Explain different stages involved in sugar coating process of compressed tablets.
3. Give the detailed account of the formulation additives used for manufacturing of suspensions.
4. Explain the different methods of manufacturing of parenteral microspheres.

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

1. Add a note on 'uniformity of weight' test for tablet dosage form as per IP. (Indian Pharmacopoeia).
2. Discuss the applications of emulsions.
3. Describe the operation of Dosater filling equipment for capsule dosage form.
4. Write a note on container and closure used for packaging of ophthalmic formulations.
5. Explain the limulus amoebocyte lysate (LAL) test for pyrogens.
6. Explain the term displacement value and its importance in formulation of suppositories.
