

[LE 818]

APRIL 2014

Sub. Code: 3818

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**THIRD YEAR****PAPER VI – PHARMACEUTICAL FORMULATIONS***Q.P. Code: 383818***Time: Three Hours****Maximum: 70 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. List out and explain the quality control evaluation of tablets.
2. What are implants?
Explain their merits and demerits and explain the approaches to the development of implantable therapeutic system.

II. Write notes on:**(10 x 3 = 30)**

1. Explain the steps in sugar coating.
2. Rotary die process in the manufacture of soft gelatin capsule.
3. Classify dosage form on the basis of physical state.
4. Buccal tablets.
5. Jellies.
6. Glass containers used for parenterals.
7. Methods to enhance the solubility of substance.
8. Applications of suspensions.
9. Explain about flocculation and creaming.
10. Elixirs.
