

[LC 818]

APRIL 2013

Sub. Code: 3818

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**THIRD YEAR****PAPER VI – PHARMACEUTICAL FORMULATIONS***Q.P. Code: 383818***Time: Three Hours****Maximum: 100 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Explain the formulation of tablet by wet granulations process ?
Discuss the different steps involved in tablet compression?
2. What is Transdermal Patches?
Explain the criteria of suitable drug candidates for transdermal patches?
Discuss the different types of Transdermal Patches?

II. Write notes on:**(10 x 6 = 60)**

1. Name the different types of coating? Explain any one
2. Explain any one method of preparation of soft gelatin capsule
3. Discuss hard gelatin capsule quality control studies?
4. Discuss the methods used in emulsion identification
5. What are the applications of emulsions
6. Describe any one method of parenteral sterilization as per official monograph
7. Explain theory of sedimentation?
8. Explain preparation methodology of suppositories?
9. Discuss the nasal absorption enhancers
10. Define and classify implants? Discuss any one type of implants
