

[LI 818]

APRIL 2016

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 briefly the various steps involved in Sugar Coating of Tablets. Write the processing problems and its remedies for tablet coating.
2. Define prolonged action dosage form. Write their advantages and disadvantages. Explain the formulation and evaluation of Transdermal patches.
3. Write in detail about the production facilities for Parenteral formulation. Explain the formulation and evaluation of small volume Parenterals.
4. Define and classify Capsule. Explain the manufacturing and evaluation of soft gelatin capsules.

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

1. Write the various tests used for identification of types of emulsion.
2. Explain the factors affecting the absorption of drug from rectal drug delivery system.
3. Write briefly the prolonged release Parenteral preparations.
4. Write the precautions to be taken before administration of Ophthalmic preparation.
5. Write a note on Jellies.
6. Explain the preparation of suppositories.

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