

[LD 818]

OCTOBER 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: 70 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Explain briefly about the sugar coating and film coating.
Write the processing problems and its remedies for tablet coating.
2. Define prolonged action dosage form. Write their advantages and disadvantages.
Explain different mechanisms of drug release from prolonged action dosage forms.

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

1. Write a note on pharmaceutical dosage forms.
2. List out the tests used for the determination of emulsion and explain any one of them in detail.
3. Explain the factors affecting the absorption of drug from rectal drug delivery system.
4. Discuss the agents used to enhance the solubility of therapeutic agents in solutions.
5. Write the precautions to be taken before administration of ophthalmic preparation.
6. Write the note on excipients used in the direct compression of tablets.
7. Explain the evaluation of hard gelatin capsules.
8. Write the mechanism of disintegration of tablets.
9. Write the advantages of parenteral preparations.
10. Explain the ideal drug candidates for the buccal drug delivery system.
