

[LB 818]

OCTOBER 2012

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 in the same order****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

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|---|----|---------|----|
| 1. Explain the different production methods of soft gelatin capsules with reference to capsule sizes? | 17 | 40 min. | 20 |
| 2. Differentiate small volume and large volume parentals ?
Explain the various official parenteral container evaluation? | 17 | 40 min. | 20 |

II. Write Note on:

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|---|---|---------|---|
| 1. Explain different types of tablets? | 4 | 10 min. | 6 |
| 2. What are the factors affecting skin absorption? | 4 | 10 min. | 6 |
| 3. Describe wet granulation in tablet formulation? | 4 | 10 min. | 6 |
| 4. Discuss different types of emulsions. | 4 | 10 min. | 6 |
| 5. Explain the different additives used in parenteral formulations. | 4 | 10 min. | 6 |
| 6. Explain controlled drug delivery through buccal route of administration. | 4 | 10 min. | 6 |
| 7. Define jellies? Explain the different types of jellies? | 4 | 10 min. | 6 |
| 8. Write the merits and demerits of suspensions. | 4 | 10 min. | 6 |
| 9. Define solutions? Discuss the stability of solutions. | 4 | 10 min. | 6 |
| 10. Explain the bloom strength. | 4 | 10 min. | 6 |
