

**QP CODE:306326**

**Reg.No: .....**

Third Year Pharm D Degree Examinations - July 2015

**Pharmaceutical Formulations**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Explain the concepts of controlled and novel drug delivery systems
2. Discuss different granulation techniques used in formulation of tablets
3. Explain the formulation of small volume parenterals

**Short notes**

**(8x5=40)**

4. Classification of pharmaceutical dosage forms
5. Ocusert
6. Quality control test for enteric coated tablets
7. Filling of hard gelatin capsules
8. Design of sustained release parenterals
9. Evaluations of emulsions
10. Factors affecting ointment absorption across the skin
11. Buccal drug delivery system

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