

**QP CODE:306326**

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

Third Year Pharm D Degree Supplementary Examinations - March 2015

**Pharmaceutical Formulations**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Discuss briefly about the added substances used in formulation of parenterals.
2. List out and explain the factors affecting absorption of semisolid dosage forms.
3. Write a detailed note on various ophthalmic preparations

**Short notes**

**(8x5=40)**

4. Osmotic pump.
5. Jellies.
6. Tests for identification of emulsions.
7. Rotary die process of soft gelatin capsule manufacture.
8. Problems encountered during tablet manufacturing.
9. Dry heat sterilization.
10. Preservatives used in liquid orals.
11. Classification of dosage form based on route of administration.

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