

QP CODE: 306326

Reg. No:

**Third Year Pharm D Degree Supplementary Examinations
January 2019**

Pharmaceutical Formulations

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Explain nasal and ocular drug delivery systems
2. Explain quality control tests for tablets
3. Define suspension. Mention different types of it. Explain the additives used in the preparation of suspension.

Short notes

(8x5=40)

4. Filling of hard gelatin capsules
5. Sterilization by filtration
6. Jellies
7. Displacement value used in suppositories
8. Antioxidants used in parenteral preparations
9. Emulsifying agents
10. Film coating of tablets
11. Pyrogen test for parenterals
