

**Final Year B.Pharm Degree Supplementary Examinations
November 2018
Pharmaceutics - VI
(Formulative & Industrial Pharmacy)
(2012 scheme)**

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams and equations wherever necessary.

Essays

(3x10=30)

1. Explain the different granulation process in tablet.
2. Discuss in detail about the quality control tests in sterile products.
3. Give the procedure for preparation of osmotically controlled system. Mention its advantages and applications.

Short notes

(14x5=70)

4. Enlist the film defects in the tablet coating and write a note on orange peel effects.
5. Process for the preparation of hard gelatin capsules.
6. Water for injection.
7. Air handling units.
8. Ideal properties of ophthalmic preparation.
9. Enlist the different containers used in aerosol and write a note on glass container.
10. Properties of an ideal plasma substitute.
11. Face powder.
12. Nail polish.
13. Niosomes.
14. Evaluation of transdermal drug delivery system.
15. Define the term process validation and mention its role in formulation development.
16. Catgut preparation.
17. Classify the tablets ingested orally and write a note on chewable tablets
