

QP CODE:414006

Reg.No:

**Final Year B.Pharm Degree Supplementary Examinations
December 2017**

**PHARMACEUTICS - VI
(Formulative & Industrial Pharmacy)**

(2012 scheme)

Time: 3 Hours

Total Marks: 100

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

Essay

(3x10=30)

1. Mention the advantages and disadvantages of tablets. Add a note on classification of tablets.
2. Discuss in detail about the preparation of sterile powders by lyophilisation technique.
3. Explain the formulation of transdermal drug delivery systems. Discuss any two tests for the evaluation of transdermal drug delivery systems.

Short notes

(14x5=70)

4. Objectives of the tablet coating.
5. Process of gelatin manufacturing in capsules.
6. Isotonicity and methods of adjustment of isotonicity.
7. Design and maintenance of aseptic area.
8. Process for the preparation of ophthalmic products.
9. Containers in pharmaceutical aerosol.
10. Anticoagulants in blood products.
11. Lipstick.
12. Shampoo.
13. Nanoparticle.
14. Process validation.
15. Microencapsulation by coacervation-phase separation.
16. Soft gelatin capsules.
17. Ideal properties of diluent in tablet.
