

2010 scheme

QP CODE:404006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations

April 2025

Pharmaceutics - VI

(Formulative & Industrial Pharmacy)

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Discuss steps involved in the manufacture of sterile catgut.
2. Explain osmotically controlled drug delivery systems.
3. Elaborate various granulation methods involved in the production of tablets.

Short notes

(14x5=70)

4. Explain film coating of tablets.
5. Differentiate between soft and hard gelatin capsules.
6. Discuss routes of administration of injections.
7. What are the ideal requirements of ophthalmic preparations.
8. Describe different parts of an aerosol container with a neat diagram.
9. Explain types of glass used in packaging.
10. Explain formulation of vanishing cream.
11. What are liposomes.
12. Mention advantages of microencapsulation.
13. What is validation. Give its importance.
14. Discuss isotonicity and methods for adjustment of isotonicity.
15. Give importance of enteric coating with examples of enteric coating polymers.
16. Discuss about blood products.
17. Discuss formulation of nail polish.
