

2012 scheme

Q P CODE: 414006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations April 2024 **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. Describe briefly the advantages and disadvantages of tablets. Explain with examples tablet excipients and its uses.
2. Explain the formulation, preparation, packaging and evaluation of cold cream.
3. Explain in detail about formulation and evaluation methods for transdermal drug delivery systems.

Short notes

(14x5=70)

4. Explain blood products and plasma substitutes.
5. Processing problems in coated tablets.
6. Define the term isotonicity and explain the methods used for adjustment of isotonicity.
7. Lyophilization.
8. Rotary die process for manufacture of soft gelatin capsules
9. Laminar air flow unit.
10. Quality control test for parenterals.
11. Face powder
12. Nail polish.
13. Ideal requirements for ophthalmic preparations.
14. Explain about the components and propellants used in aerosols.
15. Glasses as packaging materials.
16. Dentifrices.
17. Process validation.
