

2012 scheme

Q P CODE: 414006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations November 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. Classify different types of parenteral products. Discuss any four official quality control tests for injectable preparations
2. Give a detail account on different excipients used and their functions in tablet formulation
3. Explain the method of production of hard gelatin capsule. Explain the process of soft gelatin capsule production

Short notes

(14x5=70)

4. What are propellants. Classify them with suitable examples
5. Explain Coacervation phase separation technique of microencapsulation
6. Enlist the processing problems in tablet coating and explain in detail
7. Explain any two approaches of controlled drug delivery system with their merits and demerits
8. Explain the formulation components for nail polish
9. What is process validation. Explain its salient features
10. Explain the various approaches used in the transdermal drug delivery systems
11. Explain the container closure systems used for parenteral products
12. Write short notes on oral hygiene preparations
13. Differentiate between surgical ligatures and sutures
14. Write a note on lyophilisation. Mention its applications
15. Write short notes on plasma substitutes
16. List out the ingredients used in the preparation of lipstick
17. Write short notes on osmotically controlled drug delivery systems
