

# 2012 scheme

Q P CODE: 414006

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. Give the advantages and disadvantages of capsules. Explain about materials and methods used in production of hard gelatin capsules.
2. Discuss aseptic techniques. Write the sources of contamination and methods of prevention
3. Define microencapsulation. Enlist the methods used for microencapsulation and explain any two methods used for microencapsulation.

Short notes

(14x5=70)

4. Explain film coating.
5. Classify injections.
6. Write notes on dialysis fluid.
7. Types of ophthalmic preparation.
8. Surgical ligatures and sutures.
9. Aseptic area classification.
10. Plastic as packaging material.
11. Rouge.
12. Hair dyes.
13. Write notes on manufacturing defects in tablets.
14. Advantage of controlled drug delivery systems.
15. Types of propellants, uses and examples.
16. Soft gelatin capsule.
17. Performance evaluation.

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