

# **2010 scheme**

**QP CODE:404006**

**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. Discuss quality control tests for parenterals.
2. Explain in detail formulation of tablets with suitable examples.
3. Elaborate steps involved in the production of hard gelatin capsules. Differentiate between hard and soft gelatin capsules.

**Short notes**

**(14x5=70)**

4. Explain defects encountered during tablet coating.
5. What is total parenteral nutrition.
6. Explain importance of hydrolytic resistance test.
7. Elaborate formulation of cold cream.
8. Explain types of validation.
9. Differentiate small and large volume parenterals.
10. Discuss types of tablet coating.
11. Sources of contamination and methods of prevention in the aseptic area.
12. Types of surgical ligatures and sutures.
13. Discuss formulation of shampoos.
14. Explain propellants used in aerosols.
15. Explain formulation of transdermal drug delivery systems.
16. Describe disintegration tests for tablets with IP specifications.
17. Explain types of liposomes.

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