

# **2012 scheme**

**Q P CODE: 414006**

**Reg. No: .....**

**Final Year B.Pharm Degree Supplementary Examinations  
December 2021  
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. What are the types of tablet coating and mention its advantages. Discuss the steps involved in sugar coating of tablets.
2. What are the important aspects related to parenteral formulation. How the tonicity of injections is adjusted.
3. What are aerosols and mention its advantages over other dosage forms. Discuss the formulation and quality control tests for aerosols.

**Short notes**

**(14x5=70)**

4. Categories of tablet excipients with examples
5. Evaluation of tablets
6. Hard gelatin capsule- production
7. Sterile dry powders for injection
8. Applications and composition of total parenteral nutrition
9. Ideal requirements of ophthalmic formulations
10. Compare any two important packaging materials used in formulations
11. Cosmetics used for the hair
12. Cold cream and vanishing cream
13. Mention the various methods of microencapsulation and explain any one process
14. Process validation and performance evaluation
15. Types of glass and its uses
16. Dialysis fluids
17. Quality control tests for capsules

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