

# **2010 scheme**

**QP CODE:404006**

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

**Final Year B.Pharm Degree Supplementary Examinations May 2023**

**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. Explain formulation of coating solution. Equipment's used for coating.
2. Define parenterals and write a detailed note on its preparation
3. Define aerosol. Explain the types of propellant and methods used in aerosol filling.

**Short notes**

**(14x5=70)**

4. Tablet compression operation.
5. Processing problems in coating and its evaluation.
6. Explain lyophilization and process involved in it.
7. Explain the process involved in filling and sealing of vials and ampoules.
8. Maintenance of aseptic area.
9. Dialysis fluids.
10. Shampoos.
11. Packaging materials.
12. Water for injection
13. Liposomes.
14. Preparation and standardization of catgut.
15. Blood products.
16. Face powder.
17. Process validation.

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