

2010 Scheme

QP CODE: 206006

Reg. No:

Second Year B.Pharm Degree Supplementary Examinations July 2025

Pharmaceutics III (Pharmaceutical Technology)

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*

Essay

(3x10=30)

1. Explain the principle of freeze drying.
2. Discuss in detail about the construction, working and uses of filter press.
3. Explain about humidification and dehumidification.

Short notes

(14x5=70)

4. Explain the principle and working of Ball mill.
5. Explain the Darcy's law of filtration.
6. Theory's of mixing.
7. Explain the significance of rate of drying curve.
8. Mechanical and chemical hazards.
9. Film evaporator.
10. Principle involved in centrifugation.
11. Explain the working and construction of Rotary pump.
12. Give the advantages and disadvantages of Glass as a material of construction.
13. Heat transfer coefficient.
14. Principle of Fluidized bed dryer
15. Devices used for liquid mixing.
16. Construction and working of simple distillation.
17. Fan used for gas handling.
