

2010 Scheme

QP CODE: 206006

Reg. No:

**Second Year B. Pharm Degree Supplementary Examinations
December 2019
Pharmaceutics III (Pharmaceutical Technology)**

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Write the theory, construction and working of a multiple effect evaporator.
2. Explain the principle, construction and working of a hammer mill.
3. Discuss the theory, construction and working of a spray dryer.

Short notes

(14x5=70)

4. Factors affecting evaporation
5. Flash distillation
6. Vacuum dryer
7. Freeze drying
8. Measurement of humidity
9. Mixers for pastes
10. Prevention of corrosion
11. Chemical hazards
12. Factors affecting size reduction
13. Filter aids
14. Natural and forced convection
15. Fourier's law of heat conduction
16. Rotary pumps
17. Filter leaf
