

QP CODE: 206006 (OLD SCHEME) **Reg. No:**

Second Year B.Pharm Degree Supplementary Examinations
June 2019
Pharmaceutics III (Pharmaceutical Technology)
(2010 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Write the principle, construction and working of a fluid energy mill.
2. Discuss the principle, construction and working of a fluidized bed dryer
3. Explain the theory, construction and working of a film evaporator.

Short notes

(14x5=70)

4. Electrical hazards
5. Prevention of corrosion
6. Mixers for liquids
7. Humidity measurement
8. Tunnel dryer
9. Freeze drying
10. Raoult's law
11. Factors affecting evaporation
12. Centrifugal pumps
13. Fourier's law of heat conduction
14. Filter media
15. Rotary filter
16. Factors affecting size reduction
17. Solid handling units
