

QP CODE: 206006 (OLD SCHEME)

Reg. No:

Second Year B.Pharm Degree Supplementary Examinations

December 2017

PHARMACEUTICS III

(PHARMACEUTICAL TECHNOLOGY)

(2010 SCHEME)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Explain in detail the principle, construction and working of ball mill
2. Explain in detail the principle, construction and working of spray dryer
3. Explain in detail the principle, construction, working, advantages and disadvantages of film evaporators

Short notes

(14x5=70)

4. Factors affecting evaporation
5. Conveyers for handling of solids
6. Theories of filtration
7. Factors affecting size reduction
8. Fourier's law of heat conduction
9. Diaphragm pump
10. Mechanism of drying
11. Mechanical hazards
12. Measurement of humidity
13. Theory of powder mixing
14. Corrosion and its prevention
15. Any one industrial centrifugal filter
16. Principles of freeze drying
17. Steam as heating medium
