

Second Year B.Pharm Degree Examinations July 2017

Pharmaceutical Technology

(2012 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay

(3x10=30)

1. Explain in detail about film evaporator.
2. Explain factors affecting size reduction and describe about ball mill.
3. Explain the principle, design, operation and uses of flash distillator.

Short notes

(14x5=70)

4. Wet bulb and dry bulb temperature.
5. Mechanism of drying.
6. Heat exchangers.
7. Cathodic and anodic protection.
8. Rotary filter.
9. Raoult's law.
10. Spray dryer.
11. Diaphragm Pump
12. Measurement of humidity.
13. List solid mixers and explain any one.
14. Use of glass in industry.
15. Chemical hazards.
16. Centrifugal filter.
17. Classify materials of construction.
