

**Second Year B.Pharm Degree Supplementary Examinations
December 2018**

Pharmaceutical Technology

(2012 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay

(3x10=30)

1. Discuss about the principle, construction and working of filter press.
2. Explain the construction, working, advantages and disadvantages of ball mill.
3. Explain the multiple effect evaporators

Short notes

(14x5=70)

4. Azeotropic and extractive distillation.
5. Fluidized bed dryer.
6. Humidity chart and its usefulness.
7. Types of glasses and its uses in pharmaceutical industry.
8. Mechanical hazards.
9. Diaphragm pump.
10. Use of steam as heating medium.
11. Filter aids.
12. Laws governing energy and power requirement of a mill
13. Planetary mixer.
14. Prevention of corrosion.
15. Storage bins.
16. Convection.
17. Tray dryer
