

2012 Scheme

QP CODE: 216006

Reg. No:

Second Year B.Pharm Degree Supplementary Examinations February 2024

Pharmaceutical Technology

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

Essay

(3x10=30)

1. Explain the various types of fans and compressors.
2. Explain the principle, construction, working, use, advantage, and limitation of a Ball mill with a neat, labelled diagram.
3. Explain the mechanism of drying, rate of drying and time of drying.

Short notes

(14x5=70)

4. Rotary pump
5. Industrial Hoppers for solid handling
6. Natural and forced convection
7. Industrial filters
8. Centrifugal sedimenter
9. Single effect and multiple effect evaporators
10. Extractive distillation
11. Tray dryer
12. Measurement of humidity
13. Mixers for liquids
14. Composition, corrosion resistance and properties of glass as material of construction in pharmaceutical manufacturing equipments.
15. Use of steam as a heating medium
16. Explain simple, steam and flash distillation
17. Explain mechanical and electrical hazards
