

2012 Scheme

QP CODE: 216006

Reg. No:

Second Year B.Pharm Degree Supplementary Examinations February 2022

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. Describe industrial hoppers and conveyers.
2. Describe the principles of centrifugation and industrial centrifugal filters.
3. With a neat diagram explain principles and working of forced circulation and film evaporators

Short notes

(14x5=70)

4. Different types of fans.
5. Uses of glasses in pharmaceutical industry.
6. Fourier's law of heat conduction.
7. Heat exchangers.
8. Filter press.
9. Centrifugal sedimenter.
10. Fluid energy mill
11. Short tube evaporator.
12. Principles of rectification.
13. Vacuum dryer.
14. Explain wet bulb and adiabatic temperature
15. Theory of mixing
16. Corrosion and its prevention.
17. Mechanical and electrical hazards.
