

2012 Scheme

QP CODE: 216006

Reg. No:

Second Year B.Pharm Degree Supplementary Examinations September 2021

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. Discuss about centrifugal pumps.
2. Explain the principle, working, constructions and uses of freeze dryer
3. Explain the equipments of dehumidification process

Short notes

(14x5=70)

4. Compressors.
5. Fourier's law of heat conduction through pipes.
6. Short tube evaporator.
7. Edge filter.
8. Perforated basket centrifuge.
9. Tray dryer.
10. Zig zag mixer.
11. Hammer mill.
12. Chemical hazards.
13. Steam distillation.
14. Corrosion and its prevention
15. Industrial dermatitis.
16. Various types of fans used in gas handling
17. Theory of mixing.
