

# **2010 Scheme**

**QP CODE: 206006**

**Reg. No: .....**

**Second Year B.Pharm Degree Supplementary Examinations July 2023**

**Pharmaceutics III (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 in detail the principle, construction and working of ball mill.
2. Define conduction. Discuss about the Fourier's law of heat conduction in detail.
3. Define corrosion. Discuss about types of corrosion in detail.

**Short notes**

**(14x5=70)**

4. Factors affecting evaporation.
5. Diaphragm pump.
6. Measurement of humidity.
7. Explain any one industrial centrifugal filter.
8. Principles of freeze drying.
9. Accident records.
10. Theory of mixing.
11. Theory of filtration.
12. Explain any one liquid mixing device.
13. Rotary pumps.
14. Raoult's law.
15. Principles of rectification.
16. Simple distillation.
17. Filter media.

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