

35146 : Pharmaceutical Engineering - II : T-2.4

P. Pages : 1

Time : Three Hours



AW - 2292

Max. Marks : 60

- Notes :
1. All question carry equal marks.
 2. Answer **any five** questions.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) Discuss on accident safety training and education. 6
b) Explain application of humidity measurement in pharmacy. 6
2. Write in detail mechanism of mixing solids with solids. Add a note on V-cone blender. 12
3. Discuss in detail theories of drying. Write principle, construction and working of fluidized bed dryer. 12
4. Write principle, working, construction, advantages and disadvantages of screw conveyor. 12
5. Discuss the Mier's super saturation theory of crystallization. Add a note on Krystal crystallizer. 12
6. Explain in brief laws governing size reduction. Write principle, construction and working of fluid energy mill. 12
7. Write short notes on **any two**. 12
 - a) Dehumidifier.
 - b) Standards of screen.
 - c) Caking of Crystals.
