

Pharmaceutical Technology

(2012 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay

(3x10=30)

1. Explain the principle, design, operation and uses of a ball mill.
2. Explain the mixers used for solid (powder) mixing.
3. Explain about corrosion and its prevention.

Short notes

(14x5=70)

4. Overall heat transfer co-efficient
5. Filter media
6. Steam distillation
7. Hoppers and conveyors
8. Dust hazards
9. Humidity chart and its usefulness
10. Air jet mixer
11. Laws governing energy requirement mill
12. Fluidized bed dryer
13. Triple roller mill
14. Rotary filter
15. Perforated basket centrifuge
16. Classification of materials of construction
17. Cyclone separator
