

Second Year B.Pharm Degree Supplementary Examinations July 2017

PHARMACEUTICS III
(PHARMACEUTICAL TECHNOLOGY)
(2010 SCHEME)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Define filtration. Discuss about principle, construction and working of filter leaf.
2. Define corrosion. Discuss about types of corrosion in detail.
3. Define mixing. Discuss about principle, construction and working of triple roller mill for mixing of semisolids.

Short notes

(14x5=70)

4. Simple distillation.
5. Classification of evaporators.
6. Mechanisms of liquid mixing.
7. Advantages and disadvantages of fluid energy mill.
8. Applications of evaporation.
9. Advantages and disadvantages of spray drying.
10. Absolute humidity and relative humidity.
11. Dust hazards.
12. Principles of rectification.
13. Reciprocating pumps.
14. Theory of centrifugation
15. Applications of mixing.
16. Materials of construction – glass.
17. Overall heat transfer coefficient.
