

Second Year B.Pharm Degree Examinations - July 2016

**Pharmaceutical Technology**

**(2012 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Write equations wherever necessary.

**Essay**

**(3x10=30)**

1. Classify materials of construction and explain in detail about stainless steel.
2. Explain the principle, design, operation and uses of centrifugal pump.
3. Explain the factors affecting evaporation. Explain multiple effect evaporator.

**Short notes**

**(14x5=70)**

4. Conveyers in solid handling.
5. Tubular bowl centrifuge.
6. Hammer mill.
7. Single effect evaporator.
8. Equilibrium moisture content.
9. Tray dryer.
10. Adiabatic saturation temperature.
11. Propeller mixer.
12. List liquid mixers and explain any one.
13. Mechanical hazard.
14. Rotary pump.
15. Industrial dermatitis.
16. Simple distillation.
17. Corrosion and its prevention.

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