

# **2012 Scheme**

**QP CODE: 216006**

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

## **Second Year B. Pharm Degree Supplementary Examinations December 2019**

### **Pharmaceutical Technology**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Write equations wherever necessary.

#### **Essay**

**(3x10=30)**

1. Discuss about rotary pumps.
2. Describe the construction and working of film evaporator.
3. Explain in detail about humidity chart and measurement of humidity. Add a note on dry bulb and wet bulb temperature.

#### **Short notes**

**(14x5=70)**

4. Principles of rectification.
5. Fluid energy mill.
6. Spray dryer.
7. List of liquid mixers and explain any one
8. Stainless steel.
9. Electrical hazards.
10. Rotary filter.
11. Blenders.
12. Factors influencing corrosion.
13. Single pass heat exchanger.
14. Conical disc centrifuge.
15. Flash distillation.
16. Mechanical hazards
17. Factors affecting rate of evaporation

\*\*\*\*\*