

[LC 4259]

FEBRUARY 2013

Sub. Code: 4259

SECOND YEAR B.PHARM. EXAM

PAPER IV – PHARMACEUTICAL TECHNOLOGY

Q.P. Code : 564259

Time : Three hours
(180 Min)

Maximum: 100 Marks

I. Elaborate on:

(2x20=40)

1. Define Crystallization. Discuss about the Mier's Super Saturation Theory. Enumerate the Principle, construction, working and advantages of Swenson Walker Crystallize
2. Explain the theory behind Corrosion. How will you prevent and control Corrosion?

II. Write notes on:

(8x5=40)

1. Central Air Conditioning System.
2. Multiple Effect Evaporato
3. Steam distillation of Industrial scale.
4. Glass as the material of Pharmaceutical plant Construction.
5. Chemical hazards.
6. Equilibrium Moisture content.
7. Conical disc centrifuge.
8. Rotary Drum Filte

III. Short Answers:

(10x2=20)

1. Area meters.
2. Cake Filtration.
3. Vortex Formation.
4. Circulating loa
5. Definition of Valves and Pumps.
6. Different sources of heat.
7. Eutectic Point.
8. Comminution.
9. Binary mixture.
10. Bound Wate
