

(LD 4259)

AUGUST 2013

Sub. Code: 4259

SECOND YEAR B.PHARM. EXAM
PAPER IV – PHARMACEUTICAL TECHNOLOGY

Q.P. Code: 564259

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Discuss in detail about the method of determination of humidity by dewpoint and psychometric methods
2. Write the principle and procedure involved in extractive and azeotropic distillation process add a note on the application of distillation process.

II. Write notes on:

(8X5=40)

1. Spary dryer
2. krystal crystallizer
3. Factors affecting filltration
4. Types of measurement of flow of fluids
5. Factors affecting size reduction
6. Tubular heaters
7. Vertical tube evaporators
8. Considerations while mixing solids in a mixe

III. Short Answers on:

(10X2=20)

1. Percentage humidity
2. Laminar flow
3. Fourier's law
4. Lyophilisation
5. Applications of centrifugation
6. Galvonic corrosion
7. Seitz filter
8. Saturation temperature
9. Venturimeter
10. Critical moisture content
