



(LI 4259)

FEBRUARY 2016

Sub. Code: 4259

**SECOND YEAR B.PHARM. EXAMINATION
PAPER IV – PHARMACEUTICAL TECHNOLOGY**

Q.P. Code: 564259

Time: Three hours

Maximum: 100 Marks

I. Essay:

(2 x 20 = 40)

1. a) Describe the Construction and Working, advantages and disadvantages of Rotary drum Filte
b) Explain the Various factors affecting Filtration.
2. a) Discuss the Concept of Dehumidification and application of Humidity Measurement. Name the equipments used for Dehumidification.
b) Describe the Principle and Application of Refrigeration.

II. Short notes:

(8 x 5 = 40)

1. Rota mete
2. Hammer Mill.
3. Manomete
4. Tubular Heate
5. How will you prevent Fire Hazards in Pharmaceutical Industries?
6. Swenson Walker Crystallize
7. Chemical Hazards.
8. Concepts of Boundary laye

III. Short answers:

(10 x 2 = 20)

1. Define Filter Aids.
2. What are the different modes of Size reduction?
3. What are the different Standards for Sieves in Size separation?
4. Write the classification of Materials for Plant construction.
5. Define Raoult's Law.
6. Saturation temperature.
7. Name the dryers used in Pharmaceutical Industries.
8. Critical Moisture Content.
9. Lyophilisation.
10. Define Relative Humidity.

