

AV - 2296

Second Year B. Pharm. (Annual Pattern) Examination

PHARMACEUTICAL UNIT OPERATION

Paper - II. T. 2

(USC - 35009)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 80

- Note :** (1) All question carry equal marks.
(2) Answer any **Eight** questions.
(3) Illustrate your answer wherever necessary with the help of neat sketches.
(4) Use pen of Blue/Black ink/refill only for writing the answer book.

1. Explain

(a) Bernoulli's Theorem (b) Monometers 10

2. Define corrosion. Explain its preventive mechanism. 10

3. (a) Explain Heat flow through a cylinder.

(b) What is black body ? 10

4. Classify Evaporators. Write the operation of multiple effect evaporator. 10

5. (a) Explain the construction and working of a Ball mill.

(b) Write note on sedimentation. 10

6. What is Conveyor ? Explain construction and working of belt conveyor. 10

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7. Discuss classification of filters and factors affecting rate of filtration. 10
8. Explain the factors affecting the process of drying. Explain the construction and working of Tray dryer. 10
9. Explain the construction and working of fluidized Bed dryers. 10
10. Write note on (Any Two) :—
 - (a) Sterile filters
 - (b) Filter aids
 - (c) Refrigeration10

