

Total No. of Pages : 02

B.Pharma (2017 & Onwards) (Sem.-3)

Subject Code : BP-304T

M.Code : 75108

Max. Marks : 75

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **THREE** questions carrying **TEN** marks each and student has to attempt any **TWO** questions.
3. **SECTION-C** contains **NINE** questions carrying **FIVE** marks each and student has to attempt any **SEVEN** questions.

1. Explain briefly :

- Reynold's No.
- Impact as a mechanism of size reduction
- Elutriation
- Fourier's Law
- Film evaporators
- Radial flow
- Fluidization
- Centrifugal effect
- Volatility
- Filter aids

SECTION-B

2. Describe the construction and working of perforated and non perforated basket centrifuge.
3. Describe the theory behind corrosion and write a note on types of corrosion.
4. Write an explanatory note on rising film and falling film evaporators.

SECTION-C

5. Write a note on various factors affecting evaporation.
6. Discuss the construction and working of rotary drum filters.
7. Discuss the principle and construction of orifice meter.
8. Write a note on heat interchangers.
9. Describe construction and working of hammer mill.
10. Write a note on conveyors.
11. Discuss the principle of flash distillation.
12. Write a note on Silverson mixers.
13. Describe the various factors affecting evaporation.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.