

V. P. & R. P.T.P. Science College
B.Sc. (Sixth Semester)
Subject code: US06CICH06
Industrial Chemistry
15/3/214 Saturday

Time: 03:30 am to 05:00 pm

Total Marks: 30

Q1 Answer any three of the following:

Marks-06

- 1) Write in brief on Bubble cap tray
- 2) Limitation of McCabe method
- 3) Give classification of dryer.
- 4) Explain the function of atomizer in Spray dryer
- 5) Give Classification of crystallizers .
- 6) Define the term: Saturation



Q2 Write in brief on Flash distillation & draw its sketch [8]
OR

Q2 Write a note on Steam distillation. [8]

Q3 Explain the construction & working of Tray dryer with neat diagram. [8]
OR

Q3 Explain the construction & working of Spray dryer with diagram. [8]

Q4 Explain the construction and working of Swenson-walker crystallizer with suitable diagram. [8]
OR

Q4 Explain the construction and working of Oslo cooler or Krystal crystallizer with diagram. [8]