

V. P. & R. P.T.P. Science College
B.Sc. (Fourth Semester)
Subject code: US04CICH02
Industrial Chemistry
13/3/214 Thursday



Time: 01:00 am to 02:30 pm

Total Marks: 30

Q1 Answer any three of the following:

Marks-06

- 1) Name the gases dissolved in water that cause corrosion.
- 2) Name the impurities present in natural water.
- 3) Write the composition of gases in atmospheric air.
- 4) Arrange wood, peat, lignite, bituminous coal and anthracite in decreasing order of their calorific values.
- 5) Enlist disadvantages of single stage compressors.
- 6) Enlist the various types of refrigerants.

Q2 Write a note on Sources of water [8]

OR

Q2 With the help of labeled diagram explain of Zeolite process. [8]

Q3 Define fuel. Explain classification of fuel in detail [8]

OR

Q3 Write an Application/uses of : [8]

- a). Oxygen b). Nitrogen

Q4 write a note on R-12 , dichlorodifluoromethane [8]

OR

Q4 what is multi-stage compressor? Give its advantages. [8]