

V. P. & R. P. T. P. Science College
B.Sc. (Sixth Semester)
Saturday, 11th March 2017
Subject code: US06CICV06, Project Development
Industrial Chemistry

Time: 11:00 am to 12:30 pm

Total Marks: 25

Q-1 Select right option from given in the following questions.

03

- I. Which action of personnel is important part of successful project development?
(a) Organic (b) Inorganic (c) Physical (d) Physiochemical
- II. Convenient and useful method for characterizing the functional relationship among various component of control system is:
(a) Block diagram (c) Process flow diagram
(b) Layout diagram (d) None of these
- III. Electro dialysis is:
(a) Electro membrane technology (c) Ultra membrane technology
(b) Nano membrane technology (d) None of these



Q-2 Answer any two of the following:

04

- i. What is Plant layout?
ii. Explain the concept of feedback control.
iii. Enlist the classification of membranes.

Q-3 Explain Pilot plant and give check list for investigating pilot plant.

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OR

Q-3 Compare Urban and Rural area for site selection.

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Q-4 Explain three types of variables associated with process.

06

OR

Q-4 Discuss the elements of automatic control system.

06

Q-5 Explain the membrane for RO system in liquid separation.

06

OR

Q-5 Explain the membrane for ultra-filtration.

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