

AL-Qadisiya University
College of Engineering

CHEMICAL ENGINEERING DEPT.
Final Examination 2014-2015 (2nd attempt)
Examiner: Ass.Lecturer Mothana Gh. Kadhim



Subject: English
Class: 1st class
Time : 1.5 hours
Max. Marks: 30
Date: 8/9/2015

Answer ALL Questions

Q/1/ Answer EIGHT of the following questions: (20 marks)

- 1- What are differences between batch and continuous processes?
- 2- What kinds of personnel problems does the plant engineer deal with?
- 3- Why do pipelines and equipment sometimes have to be purged?
- 4- What is the difference between an on/off valve and throttling valve?
- 5- What problems are associated with orifice- plate flow meters?
- 6- How might a laboratory chemist mix materials?
- 7- Why is a consultant likely to be highly paid?
- 8- What are the usual time periods for each shift?
- 9- How does a manometer work?
- 10- What kind of worker might become a foreman?

Q/2/ Define EIGHT of the following:- (20 marks)

CPI, Gate Valve, Operating Cost, Plant efficiency, Lost-time Accident, Corrosion, Hopper, Heat Exchanger, Feasibility Study, Pyrometer.

Q/3/ (10 marks)

A/ There are different types of instruments for measuring temperature. Name of three types. Draw and Explain how it works for one type.

B/ Name and describe five kinds of pipe fittings.

