

Assignment-2

Program Name – Diploma (Chemical Engg)

Semester: 6

Course Name- industrial management & entrepreneurship development

Last date of submission-20/4/2018

Course Code- DCHE-361

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.

Write your Name, Programme, and Enrolment No. clearly at the top of the page

Question:-1

- a) Explain Quality Control & Total Quality Management and also differentiate between them.

- b) Describe the various methods of controlling industrial pollution.

Question:-2

- a) “Many productive activities and technologies that we use have a disastrous impact on mankind”. Comment on this statement.

- b) What do you understand by Acceptance Sampling? Explain the methods of double sampling & sequential acceptance sampling.

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Program Name – Diploma (Chemical Engg)

Semester: 6

Course Name- process equipment design

Last date of submission-20/4/2018

Course Code- DCHE-362

Instructions: 1. Write the response to the assignment in your own handwriting. 2. Submit the response to your HOD within the due date. 3. Write your Name, Programme, and Enrolment no. clearly at the top of the page.

Q.1

- (a). Discuss design consideration steam economy for single and double effect evaporators.
- (b). Write steps involved for calculation of heating area and steam requirement in evaporators.

Q.2

- (a). Discuss problems relating calculation of L.M.T.D , individual and overall heat-transfer coefficients.
- (b). Write selection criteria of vessels and causes of failure of vessels.

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Program Name – Diploma (Chemical Engg)

Semester: 6

Course Name- Pollution Control & Industrial Safety

Last date of submission-20/4/2018

Course Code- DCHE-363

Instructions: 1. Write the response to the assignment in your own handwriting. 2. Submit the response to your HOD within the due date. 3. Write your Name, Programme, and Enrolment no. clearly at the top of the page.

Q.1

(a). Give detail about precautions for processes in operations involving explosive or inflammable.

(b) What are sources of radioactive pollution? Explain effect on human, animal, plant and material of radioactive pollution?

Q.2

(a). Explain water pollution prevention control act 1974 and air pollution act 1981.

(b). Explain techniques to control solid waste pollution.

Assignment-2

Program Name – Diploma (Chemical Engg)

Semester: 6

Course Name- Fertilizer Technology

Last date of submission-20/4/2018

Course Code- DCHE-364

Instructions: 1. Write the response to the assignment in your own handwriting. 2. Submit the response to your HOD within the due date. 3. Write your Name, Programme, and Enrolment no. clearly at the top of the page.

Q.1 (a) Discuss Biofertilizer.

(b) Explain single and triple super phosphatic fertilizers.

Q.2 (a) Explain methods of production of Ammonium Phosphate Sulfate.

(b) Discuss methods of production, characteristics of mixed fertilizers and write their advantages and disadvantages.