

ROLLNO RR 420801

2006 JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
IV B.TECH II SEMESTER DEGREE EXAMINATIONS
SAFETY AND HAZARD ANALYSIS
(CHEMICAL ENGINEERING)

APRIL/MAY 2006

TIME : 3 HOUR
MARK : 80

Answer any FIVE Questions All Questions carry equal marks

1. Explain how safety is dynamic force, both for individual, his employer and society.
2. Explain with a neat sketch the "in line" arrangement of processing equipment.
3. Discuss about the Hazards of Heat Transfer Operation.
4. Discuss about different Fabrication methods of Pressure Vessel.
5. Write about worker education for safe control of a chemical process?
6. Write about a note on flammable materials measuring instruments?
7. Define personnel protection equipment (PPE)? Discuss the place of PPE in general.
8. Write about HAZOP and HAZAN in detail with examples.

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