

**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

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Answer any FIVE Questions All Questions carry equal marks

1. Explain about emergency action to be taken in case of accident during transportation of hazardous material.
2. Which are items, for which peripheral location is most desirable. Explain your answer with suitable reasoning.
3. Discuss the Hazards of Operations involving Simultaneous Heat and mass transfer.
4. Discuss about different Fabrication methods of Pressure Vessel.
5. Write about industrial safety training and education?
6. What are the testing methods for identifying flammable materials?
7. What are the different types of eye protection equipment?
8. What is the importance of Hazard analysis and explain hazard analysis.

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