

00264
POST GRADUATE DIPLOMA IN
MANAGEMENT IN INDUSTRIAL SAFETY,
HEALTH & ENVIRONMENT PGDM (ISHE)

Term-End Examination

June, 2010

MIS-012 : HAZARDS RISK ANALYSIS AND
SAFETY IN USE OF CHEMICALS

Time : 3 hours

Maximum Marks : 70

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- Note : (i) Attempt *any five* questions. Question no. 1
and 2 are compulsory.
(ii) All questions carry *equal* marks.
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1. Write short notes on *any four* of the following : 4x3½=14
- (a) Job Safety Analysis
 - (b) Chemical and Biological hazards
 - (c) Toxicity and Flash Point
 - (d) Storage and Transportation of Chemicals
 - (e) Fire hazards
2. Define *any four* of the following : 4x3½=14
- (a) Hazard
 - (b) Occupational Hazard

- (c) Static Electricity
 - (d) Risk
 - (e) Combustible gas / vapour
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3. Discuss major categories of "elements at risk". 14

 4. Discuss the Bhopal Gas Tragedy bringing out the lessons learnt. 14

 5. Explain the safety parameters in storage and import of Hazardous Rules 1989. 14

 6. Explain the techniques and methods of hazard identification. 14

 7. Explain why experience and related expertise are so important when conducting a preliminary hazard analysis. 14

 8. Describe briefly the impact of industrial effluents and highlight the industry-specific treatment schemes. 14
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