

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

00255

Term-End Examination

June, 2014

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

Time : 3 hours

Maximum Marks : 70

Note : Attempt five questions in all. Questions no. 1 and 2 are compulsory. All questions carry equal marks.

1. Define and explain any **four** of the following : $4 \times 3 \frac{1}{2} = 14$
- (a) Occupational Hazard
 - (b) On site emergency
 - (c) Combustible gas/vapour
 - (d) Risk identification
 - (e) Intoxication
2. Write short notes on any **four** of the following : $4 \times 3 \frac{1}{2} = 14$
- (a) Chemical and Biological Hazards
 - (b) Toxicity and Flash Point
 - (c) Storage and Transportation of Chemicals
 - (d) Risk and Risk Analysis
 - (e) Dangerous Chemical Substances

3. Explain the safety parameters in storage and import under Hazardous Chemicals Rules 1989. 14
 4. Explain the techniques and methods of hazard identification. 14
 5. Discuss the Bhopal Gas Tragedy bringing out the lessons learnt. 14
 6. Explain why experience and related expertise are very important when conducting a preliminary hazard analysis. 14
 7. Briefly describe the impact of industrial effluents and highlight the industry-specific treatment schemes. 14
 8. What is the green house effect ? What is its importance to global climate ? 14
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