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

**Term-End Examination**

**June, 2011**

**MIS-008 : ACCIDENT PREVENTION AND COST  
OF ACCIDENT**

*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. Define *any four* of the following : **4x3½=14**
- (a) Accident rate
  - (b) Severity
  - (c) Industrial Stress
  - (d) Total Disability
  - (e) Danger
2. Write short notes on *any four* of the following :
- (a) Trauma Response Team **4x3½=14**
  - (b) Mitigation System
  - (c) Cost of Accident
  - (d) Accident enquiry committee.
  - (e) Medical Treatment and Rehabilitation

3. Draw an accident triangle, explain the various elements in the triangle and also suggest preventive measures. 14
4. Describe the accidents and incidents analysis as measures of risk in an industry to establish its credibility. 14
5. Do you think that outbreaks of waterborne diseases will be more common or less common in the future. Why? Where are outbreaks most likely to occur? 14
6. Describe in detail the accident prevention measures to be followed in fertilizer industry to minimize accidents. 14
7. A contractor who employs an average of 200 men working 48 hrs. per week for 45 weeks has 8 disabling injuries and a total of 24 days lost from work. Calculate injury frequency rate, injury severity rate and injury index. 14
8. Which is the second domino of the Heinrich's "five domino theory"? What are the influencing factors involved in constituting this domino? 14

