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**DIPLOMA IN MANAGEMENT IN INDUSTRIAL  
SAFETY, HEALTH AND ENVIRONMENT  
DM (ISHE)**

**Term-End Examination**

**December, 2010**

**BIS-011 : ACCIDENT PREVENTION AND COST  
OF ACCIDENT**

*Time : 3 hours*

*Maximum Marks : 70*

*Note : (i) Attempt five questions in all. Question No. 1 and 2  
are compulsory.*

*(ii) All questions are carry equal marks.*

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1. Define *any four* of the following : **4x3½=14**
- (a) Accident
  - (b) Severity rate
  - (c) Indirect cost
  - (d) Safety
  - (e) Hazard
2. Write short notes on *any four* of the following :
- (a) Near Miss Accident **4x3½=14**
  - (b) Accident reporting
  - (c) Accident enquiry committee
  - (d) Storage and Transportation of Hazardous chemicals
  - (e) Safe working Environment.

3. Explain in brief the ten principles of the safety in chronological order. 14
4. What are the five leading causes of accidents in a large construction project ? 14
5. Explain the importance of ongoing in - service training for modern health and safety managers and how to set it. 14
6. What is meant by the following statement ? 14  
"If a physician makes an error he might harm one person, but an engineer who makes an error, harm hundreds." Justify your answer with suitable examples.
7. Briefly explain the most common types of mechanical injury in steel plants. 14
8. Why is it important to record all pertinent informations relating to an accident immediately after an accident has occurred ? 14