

00673

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

**Term-End Examination**

**June, 2010**

**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 & 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) Cost of accident
  - (b) Mitigation System
  - (c) Near Miss accident and incident
  - (d) Accident prevention
  - (e) Incident Recall
2. Define *any four* of the following terms : **4x3½=14**
- (a) Risk
  - (b) Severity Rate

- (c) Danger
  - (d) Accident
  - (e) Direct and indirect cost.
3. What are safety precautions to be adopted for any household electrical appliances ? 14
  4. Explain in detail the priority and procedure for accident response. 14
  5. What is hazard ? How can hazards be classified and controlled ? 14
  6. What are the principles of accident prevention ? How it is viewed by Mr. Heinrich and Mr. Frank Bird ? 14
  7. An undertaking with 500 workers, working 50 weeks of 48 hours each week had 60 accidents during one year. Owing to illness and other causes the workers were absent 5% of the aggregate working time. The number of days lost due to 60 accidents alone was 1200. Calculate the frequency rate, severity rate and incident rate. 14
  8. Generally which theory should we apply to eliminate the root causes of accidents / incidents and as well as to rectify the system faults in prevention of its repetition. 14