

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

Term-End Examination

June, 2013

MIS-008 : ACCIDENT PREVENTION AND COST  
OF ACCIDENT

Time : 3 hours

Maximum Marks : 70

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

1. Define *any four* of the following : 4x3½=14
  - (a) Heat burn injuries
  - (b) Eye and face protection
  - (c) Incident
  - (d) Hazardous
  - (e) Explosion
  
2. Write short notes on *any four* of the following : 4x3½=14
  - (a) Industrial Stress
  - (b) Accident Costing
  - (c) Accident reporting
  - (d) Management control in accident prevention
  - (e) Investigation of an accident

3. Explain the domino theory of accident causation, including its origin and its impact on more modern theories. 14
4. Describe the types of accidents due to electricity and discuss the preventive measures. 14
5. Explain in detail how the industrial accident is connected with employees, employer, Government, Society, product, processes and environment. 14
6. Write down the ten principles of the safety in chronological order. Explain what do you mean by SAFETY. 14
7. Explain the term "incident recall" and describe its various steps. 14
8. A contractor who employs an average of 400 men 48 hrs. per week for 60 weeks has 12 disabling injuries and total 80 days lost from work. 14  
Calculate the following :
  - (a) frequency rate
  - (b) injury severity rate, and
  - (c) injury index

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