

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

Term-End Examination

December, 2012

MIS-011 : FIRE APPLICATION AND FIRST AID

Time : 3 hours

Maximum Marks : 70

- Note :** (i) Attempt *five* questions in all. Question No.1 and 2 are compulsory.  
(ii) All questions carry *equal* marks.

1. Define *any four* of the following : 4x3½=14
  - (a) Fire Point
  - (b) Fire Detector
  - (c) Combustion
  - (d) Burn
  - (e) Pyrolysis
  
2. Write short notes on *any four* of the following : 4x3½=14
  - (a) Fire chemistry
  - (b) First Aid Training
  - (c) Fire Extinguisher
  - (d) Fire Precaution
  - (e) Aqueous Film Forming Form (AFFF)

3. Explain advantages and disadvantages of CO<sub>2</sub> extinguisher and illustrate with diagram the CO<sub>2</sub> fire extinguisher. 14
  4. Write down the first aid treatment for head injury. 14
  5. What are the electrical emergencies and explain the first-aid application in a big power plants ? 14
  6. How does the chemical agent act ? Mention First-aid provided in each mode of chemical emergency. 14
  7. Write down the various methods of fire detection with particular emphasis on automatic fire detectors. 14
  8. Explain the best ways to prevent an office fire. 14
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