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

Term-End Examination

December, 2011

MIS-011 : FIRE APPRECIATION AND FIRST AID

Time : 3 hours

Maximum Marks : 70

- Note :** (i) *Attempt 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) Pyrolysis
 - (b) Oxidation
 - (c) Fire point
 - (d) Communicable diseases
 - (e) Ignition temperature

 2. Write short notes on *any four* of the following : **4x3½=14**
 - (a) Fire Hazards
 - (b) Classes of fire
 - (c) Electrical fire
 - (d) Aqueous Film Forming Form (AFFF)
 - (e) Anti-dose for acidic and alkaline poisons

3. Explain advantages and disadvantages of CO₂ extinguisher and illustrate with diagram the CO₂ fire extinguisher. 14
 4. Write down the causes of industrial fire and its control measures. 14
 5. Explain the importance of first-aid training in chemical industry with suitable examples. 14
 6. What are the various types of fire precautions and fire protections ? Elaborate the importance of fire certificate. 14
 7. Explain the best ways to prevent an office fire. 14
 8. List out the important measures for an escape plan in case of fire in chemical industry which will greatly reduce fire deaths and protect people. 14
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