

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

Term-End Examination

June, 2011

MIS-011 : FIRE APPRECIATION AND FIRST AID

Time : 3 hours

Maximum Marks : 70

Note : (i) Attempt *any five* questions. Question no. 1 and 2 are compulsory.

(ii) All questions carry equal marks.

1. Define *any four* of the following : 4x3½=14

- (a) Heat transmission
- (b) Combustion
- (c) Auto ignition temperature
- (d) Flammable liquids.
- (e) Flash point.

2. Write short notes on *any four* of the following :

- (a) Explosive limit 4x3½=14
- (b) Photo electric fire sensors
- (c) Fire certificate
- (d) Fire safety policy
- (e) First Aid training

3. Explain the types of fire extinguishers and their application for different types of fires. 14
 4. Explain the chemistry of fire prevention in case of common causes of fire. 14
 5. Write down the parameters to be followed to provide first aid in electrical shock. 14
 6. Describe in detail the various methods of fire detection with particular emphasis on automatic fire detectors. 14
 7. How does the chemical agent act ? Mention first - aid provided in each mode of chemical emergency. 14
 8. What is the most successful life-saving preparation for a fire disaster ? Explain in detail. 14
-