

00587
POST GRADUATE DIPLOMA IN
MANAGEMENT IN INDUSTRIAL SAFETY,
HEALTH & ENVIRONMENT PGDM (ISHE)

Term-End Examination

December, 2010

MIS-10 : ELECTRICAL SAFETY MANAGEMENT

Time : 3 hours

Maximum Marks : 70

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

(ii) All questions carry equal marks.

4x3½=14

1. Write short notes on any four of the following :

- (a) Electrical fire
- (b) Earthing
- (c) First Aid during electrical shock
- (d) Fire Extinguisher
- (e) AC and DC

4x3½=14

2. Define any four of the following :

- (a) Hot line work
- (b) Ohm's law
- (c) Electric shock
- (d) Insulator
- (e) Work permit system

3. Write various precautions and safety rules to prevent fire accident. 14
 4. Explain in detail the purpose of the Electrical Safety Management Plan (ESMP). 14
 5. What type of training do you recommend for the treatment of any victim suffered from severe electric shock ? 14
 6. What are the causes of accident while working at height ? How we can prevent accident due to working at height ? 14
 7. Explain the electric work permit system and write down salient features on electric permit system. 14
 8. Write down the salient features of Indian Electricity Rules with respect to periodical inspection and testing of installation. 14
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