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

Term-End Examination

December, 2011

**MIS - 010 : 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.*

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1. Define **any four** of the following : **4x3½=14**
 - (a) Current
 - (b) Ohm's Law
 - (c) Electrical Hazards
 - (d) Static Electricity
 - (e) Electrical Earthing

 2. Write short notes on **any four** of the following :
 - (a) First Aid during electrical shock **4x3½=14**
 - (b) Fire Extinguisher
 - (c) Role of Safety Officer
 - (d) Electrical Safety in houses
 - (e) Use of PPE in electrical work.

3. Explain electrical earthing system with details of IE Rule - 67. 14
 4. Describe in detail the scope and responsibility of maintenance of electrical installation with focus on electrical safety. 14
 5. What are the safety parameters in hot work on high voltage line and equipment ? 14
 6. Describe the various control and prevention techniques for electrical safety in industry. 14
 7. Write down importance of electrical preventive maintenance with at least 10 Do's and 10 Don'ts in electrical maintenance. 14
 8. Describe the classification and selection of electrical installation in hazardous area. 14
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