

00621
POST GRADUATE DIPLOMA IN
MANAGEMENT IN INDUSTRIAL SAFETY,
HEALTH & ENVIRONMENT PGDM (ISHE)

Term-End Examination

June, 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.

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1. Write short notes on *any four* of the following : 4x3½=14
 - (a) Electrical hazards
 - (b) Working at high voltage
 - (c) Use of PPE in electrical work
 - (d) Electrical hand tools
 - (e) Rubber hand globes for electrical applications

 2. Define *any four* of the following : 4x3½=14
 - (a) Electricity
 - (b) High voltage
 - (c) Static electricity
 - (d) Electrical protection
 - (e) Short circuit

3. What are the periodic and efficient check ups for motors and electrical installation to avoid electrical hazards ? 14
 4. What are the roles of protective equipment and clothing in avoiding hazards in workplace ? 14
 5. Describe in detail the electrical safety management and practices in a large industry. 14
 6. What are the precautions to be taken to avoid electric shock ? 14
 7. Describe the classification and selection of electrical installation in hazardous area. 14
 8. Write down importance of electrical preventive maintenance with at least ten Do's and ten Don'ts in electrical maintenance. 14
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