

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

Term-End Examination

December, 2012

MIS-007 : SAFETY ENGINEERING

Time : 3 hours

Maximum Marks : 70

- Note :** (i) Question No.1 and 2 are **compulsory**.
(ii) Also attempt **any three** questions from the rest.
(iii) All questions carry **equal** marks.

1. Define **any four** of the following : **4x3½=14**
- (a) Safety campaign.
 - (b) Management factors
 - (c) Team Lifting.
 - (d) Fire safety.
 - (e) Safety in Electrical Handling.
2. Write short notes on **any four** of the following :
- (a) Safety in storage. **4x3½=14**
 - (b) Fork lift
 - (c) Safety in Sand Blasting operation.
 - (d) General awareness of ergonomics
 - (e) Safety in welding operation.

3. Describe in detail the types of material handling equipment and explain their safety requirements. 14
 4. What are the parameters to be observed during inspection of Personal Protective Equipment(PPE) and explain the importance of quality management of PPE. 14
 5. Explain the importance of national and international standards specification of PPE. Also mention types of PPE. 14
 6. Describe the types of accidents and discuss their preventive measures. 14
 7. Explain the major causes fire out breaks in a power utility. What techniques are be used for handling and preventing such fires? 14
 8. "Safety alone is not the objective of Safety Engineering. Health of worker should also be included in the objective"- Justify the statement with suitable examples. 14
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