

POST GRADUATE DIPLOMA IN
INDUSTRIAL SAFETY, HEALTH AND
ENVIRONMENT MANAGEMENT
(PGDISHEM)

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Term-End Examination

June, 2010

MIS-004 : SAFETY IN BUILDING &
CONSTRUCTION

Time : 3 hours

Maximum Marks : 70

Note : (i) Attempt five questions. Q. No. 5 and 8 are compulsory.

(ii) All questions carry equal marks.

1. What is Construction Safety Management in a power project ? Illustrate with examples. 14
2. Describe the safety requirement to work at height and also explain the preventive measures to be adopted. 14
3. Explain the construction risk analysis with the help of check-list. 14
4. Explain the inspection check-list for lifting appliances and moving equipments at construction site. 14

5. Write short notes on *any four* of the following : 4x3.5=14
- (a) Safety in Construction industry.
 - (b) Job hazard analysis and work procedure.
 - (c) Personal Protective equipments at Construction site.
 - (d) Underground excavation.
 - (e) Lifting appliances.
6. Define the roles and responsibilities of Safety Officer at construction site. 14
7. Describe the tangible and intangible benefits of Safety management at construction site. Give suitable examples. 14
8. Define *any four* of the following : 4x3½=14
- (a) Ventilation.
 - (b) Battered excavation.
 - (c) Access and egress.
 - (d) Scaffolds.
 - (e) Construction hazards.
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