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

Term-End Examination

December, 2010

**MIS-004 : SAFETY IN BUILDING &
CONSTRUCTION**

Time : 3 hours

Maximum Marks : 70

*Note : (i) Attempt five questions in all. Question No. 1 and 2
are compulsory.*

(ii) All questions carry equal marks.

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1. Explain the causes of accidents on a construction site. 14
 2. Explain precautionary measures required to be adopted in hot bituminous works. 14
 3. State codal requirements and important safety measures in any demolition work. 14
 4. Explain strategy of safety campaigns at construction work sites. 14

5. What are the tangible and intangible benefits of safety at construction site ? Explain with suitable examples. 14
6. What are safety parameters to be followed for material handling at construction site ? Explain with suitable examples. 14
7. Define *any four* of the following : 4x3½=14
- (a) Excavation
 - (b) Scaffolding
 - (c) Construction at hazards
 - (d) Working at height
 - (e) Bench excavation
8. Write short notes on *any four* of the following : 4x3½=14
- (a) Safety in multistoried building construction.
 - (b) Underground mines safety.
 - (c) First Aid at construction site.
 - (d) Employee Participation in Safety.
 - (e) Personal protective equipments at a construction site.
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