

00509

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

Term-End Examination

December, 2011

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

Time : 3 hours

Maximum Marks : 70

Note : (i) *Attempt five questions in all. Q. 1 and Q. 2 are compulsory.*

(ii) *All questions carry equal marks.*

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1. Define *any four* of the following : **4x3½=14**
- (a) Ventilation
 - (b) Construction Hazards
 - (c) Recycling
 - (d) Fumes
 - (e) Scaffolding
2. Write short notes on *any four* of the following : **4x3½=14**
- (a) Drilling and blasting
 - (b) Hot bituminous work
 - (c) Safety measures for excavation
 - (d) Safety in storage
 - (e) Fire safety in Buildings

3. Explain causes of accidents on a construction site. 14
Support your answer with the help of suitable examples.
 4. Describe the various precautions to be adopted 14
for scaffolding, ladders and form work.
 5. State codal requirements and important safety 14
measures in any demolition work.
 6. Why is an accident prevention programme 14
essential for a construction project/industrial
enterprise ?
 7. Describe the inspection check - list used for lifting 14
appliances and moving equipments at
construction site.
 8. Define the roles and responsibilities of a safety 14
officer at construction site.
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