

**DIPLOMA IN MANAGEMENT IN INDUSTRIAL
SAFETY, HEALTH & ENVIRONMENT
DM (ISHE)**

00694

Term-End Examination

June, 2010

BIS-006 : SAFETY IN BUILDING CONSTRUCTION

Time : 3 hours

Maximum Marks : 70

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

(ii) *All questions carry equal marks.*

1. Write short notes on *any four* of the following : $4 \times 3\frac{1}{2} = 14$
 - (a) Safety for multistoried building construction.
 - (b) Underground mines safety.
 - (c) Safety check list
 - (d) First Aid at construction site
 - (e) Hazard identification at construction site

2. Define *any four* of the following : $4 \times 3\frac{1}{2} = 14$
 - (a) Scaffold
 - (b) Fork lift
 - (c) Static tower
 - (d) Earth mover
 - (e) Battered excavation

3. Describe the construction hazards in industry with examples. 14
 4. Describe the safety requirement to work at height and explain the preventive measures to be adopted. 14
 5. Describe safety in excavation. 14
 6. What are safety parameters to be followed for material handling at construction site ? Explain with suitable examples. 14
 7. Describe the safety of earth moving equipment at site operations. 14
 8. Mention the causes of accidents on construction sites. What kind of training can be provided to workers and manager for improving safety at construction sites. 14
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