

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

00197

Term-End Examination

December, 2010

BIS-008 : SAFETY ENGINEERING

Time : 3 hours

Maximum Marks : 70

Note : (i) Attempt five questions. Question Nos. 1 and 2 are compulsory.

(ii) All questions carry equal marks.

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1. Write short notes on *any four* of the following : $4 \times 3\frac{1}{2} = 14$
 - (a) Safety organisation
 - (b) Safety in Material handling
 - (c) Team lifting
 - (d) Accident
 - (e) Emergency preparedness

 2. Define *any four* of the following : $4 \times 3\frac{1}{2} = 14$
 - (a) Safety
 - (b) Accident prevention
 - (c) Safety Manager
 - (d) Safety Training
 - (e) Cranes.

3. Explain the causes of accident in a manufacturing industry. 14
 4. Describe the safety measures required in excavation to avoid accident. 14
 5. Explain in brief the importance of personal protective equipment at construction site. Give examples of specific use. 14
 6. What is safety training and why is it necessary ? 14
 7. What are the safety measures do you recommend for the operation of cranes ? 14
 8. What are the safety parameters to be observed in material handling ? 14
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