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D-12

★ Department of Civil Engineering, IIT Delhi

CEL773 MANAGEMENT OF QUALITY AND SAFETY IN CONSTRUCTION

C Slot
20-09-2013

Minor

I Semester 2013-14
08:00AM – 09:30AM

Max Mark: 40
Venue: V LT1

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- 1) What is the need for construction safety from owners and contractors perspective (6)
 - 2) Why is it important to quantify the cost of accidents (4)
 - 3) With a figure, can you give the relationship between (8)
 - (a) Near-miss, incident, accident, medical-case injuries, lost-work day cases, fatalities
 - (b) Causes of accidents, unsafe acts, unsafe conditions
 - 4) Relationship between cost of injuries and investment on safety (5)
 - 5) Summarize in brief the responsibilities of the key stakeholders – owner, designer and contractor towards construction safety (8)
 - 6) Can you list the common hazards during tunneling and underground works (4)
 - 7) What are the items that comprises the monthly safety report of a supervisor as indicated in SP70 (5)
 - 8) List the accident statistics and ~~where~~ why do a construction company need maintain the record of accidents.