



# CBCS SCHEME

15CT82

## Eighth Semester B.E. Degree Examination, July/August 2021 Construction Safety Management

Time: 3 hrs.

Max. Marks: 80

Note: Answer any FIVE full questions.

- 1 a. What are the points to be considered for a Safe working Environment? (08 Marks)  
b. Explain Safety department and its main functions. (08 Marks)
- 2 a. What is Safety Lacunae in Indian Construction Industry? (08 Marks)  
b. Discuss Indian standards for safety in construction. (08 Marks)
- 3 a. What is Safety Culture , Elements and points to be considered to make strong safety culture at organization. (08 Marks)  
b. What are Project Co-ordination and Safety procedures? (08 Marks)
- 4 a. Explain Worker's Compensation. (08 Marks)  
b. Explain Schemes for Safety for the contract. (08 Marks)
- 5 a. What are the Legal requirements for the accidents in construction sites? (08 Marks)  
b. Write a typical accident report form. (08 Marks)
- 6 a. Explain the effects and safety measures to be taken related to accidents. (08 Marks)  
b. Write a note on procedure to be followed for reporting occurrence of hazard. (08 Marks)
- 7 a. Write a brief note on Fire chemistry. (08 Marks)  
b. What are the causes of fire? (08 Marks)
- 8 a. What are classes of fire? Explain any 3 types of extinguishers. (08 Marks)  
b. What are the points to be considered for identifying the hazards? (08 Marks)
- 9 Write a short notes on effects and causes of :  
a. Code of practice of reducing noise.  
b. Power supply.  
c. Materials and Movement.  
d. Drowning , Openings and Weights. (16 Marks)
- 10 Write a note on common safety hazards for the following :  
a. Impregnated timber.  
b. Dust.  
c. Noise.  
d. Toxic fumes. (16 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.