



CBCS SCHEME

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17CT82

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

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions.

- 1 a. Explain safety and health policy. (10 Marks)
b. What is safety department and list out its functions. (10 Marks)
- 2 a. Explain safety programme and its essentials. (10 Marks)
b. Briefly explain safety training. (10 Marks)
- 3 a. Define safety culture with a neat sketch. Explain the elements of safety culture. (10 Marks)
b. List out Indian standards for safety in construction. (10 Marks)
- 4 a. What are project coordination and safety procedures? (10 Marks)
b. Explain worker's compensation. (10 Marks)
- 5 a. What are the actions to be taken by the site incharge in case of accidents? (10 Marks)
b. Explain the causes for accidents. (10 Marks)
- 6 a. What are the responsibilities of employees in case of construction safety? Explain briefly. (10 Marks)
b. Explain various safety measures taken during construction. (10 Marks)
- 7 a. List out the points to be considered to identify the hazards. (10 Marks)
b. Brief out the behavior of fuels in fire. (10 Marks)
- 8 a. What are the types of extinguisher, explain any two types. (10 Marks)
b. Write a brief note on fire chemistry. (10 Marks)
- 9 Write a short notes: (20 Marks)
 - a. Materials and movement
 - b. Dust
 - c. Lead poisoning
 - d. Toxic fumes.
- 10 Write a note on common safety hazards for the following: (20 Marks)
 - a. Vibration
 - b. Impregnated timber
 - c. House keeping
 - d. Toxic fumes.

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.