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## Eighth Semester B.E. Degree Examination, July/August 2022 Construction Safety Management

Time: 3 hrs.

Max. Marks: 100

**Note:** Answer any FIVE full questions, choosing ONE full question from each module.

### Module-1

- 1 a. Briefly list out the safety clauses in contract documents. (10 Marks)  
b. Explain Safety Programme. (10 Marks)

OR

- 2 a. Explain Indian Standards for Safety in Construction. (10 Marks)  
b. Explain the role of responsibility of a Safety Officer. (10 Marks)

### Module-2

- 3 a. List out the General Safety Conditions. (10 Marks)  
b. List out the company activities and safety factors are to be undertaken by the organisation. (10 Marks)

OR

- 4 a. What is Breach of Safety regulations? (10 Marks)  
b. Brief out the Project co-ordination and Safety procedures. (10 Marks)

### Module-3

- 5 a. Explain the responsibility of the employers for safety of workers at site. (10 Marks)  
b. Write a Typical accident report form. (10 Marks)

OR

- 6 a. Explain the effects and safety measures to be taken related to accidents. (10 Marks)  
b. Write a note on procedure to be followed for reporting occurrence of hazards. (10 Marks)

### Module-4

- 7 a. Explain briefly the behavior of fuels in fire. (10 Marks)  
b. What are types of Extinguisher? Explain any two. (10 Marks)

OR

- 8 a. Briefly explain Emergency Escape and Evacuation in work place. (10 Marks)  
b. Write a brief note on Fire chemistry. (10 Marks)

### Module-5

- 9 Write a short notes on : (20 Marks)  
a. Lead poisoning    b. Dust    c. Material movement    d. Toxic fumes.

OR

- 10 Write a note on Most common safety hazards for the following : (20 Marks)  
a. Impregnated Timer    b. Vibration    c. House keeping    d. Lighting.

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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.