

# CBGS SCHEME

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15CT82

## Eighth Semester B.E. Degree Examination, June/July 2019 Construction Safety Management

Time: 3 hrs.

Max. Marks: 80

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

### Module-1

- 1 a. Define safety. Write a short note on Safe Working Environment. (08 Marks)  
b. List out the safety clauses in contract documents, explain each briefly. (08 Marks)

OR

- 2 Write short note on :  
a. Safety policy  
b. Safety officer (16 Marks)

### Module-2

- 3 a. Define safety culture with a neat sketch. Explain the elements of safety culture. (08 Marks)  
b. Explain briefly breach of safety regulations. (08 Marks)

OR

- 4 a. Explain any eight general safety conditions. (08 Marks)  
b. List out the project co-ordination and safety procedures. (08 Marks)

### Module-3

- 5 a. Explain the causes of accidents. (08 Marks)  
b. What are the responsibilities of employees in case of construction safety? Explain briefly. (08 Marks)

OR

- 6 a. What are the actions to be taken by the site incharge in case of accident? (08 Marks)  
b. Explain various safety measures taken during construction. (08 Marks)

### Module-4

- 7 a. Explain different types of fire extinguisher and its use. (08 Marks)  
b. Explain the various causes of fire. (08 Marks)

OR

- 8 a. Write a short note on behaviour of fuel in fire. (08 Marks)  
b. Write a short note on evacuation. (08 Marks)

### Module-5

- 9 Write short note on :  
a. Dust  
b. Toxic fumes (16 Marks)

OR

- 10 a. What are the general safety precautions taken during the movement of construction? (08 Marks)  
b. Write a short note on importance of lighting in construction site. (08 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.