



CBCS SCHEME

15CT82

Eighth Semester B.E. Degree Examination, Aug./Sept.2020 Construction Safety Management

Time: 3 hrs.

Max. Marks: 80

- Note: i) For Regular Students: Answer any FIVE full questions irrespective of modules.
ii) For Arrear Students : Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. Briefly write about safe working environment and safety policy. (08 Marks)
b. Safety lacunae in Indian Construction Industry - Discuss about it. (08 Marks)
- 2 a. List about the Indian standards for safety in construction. (08 Marks)
b. Explain the role and responsibility of a Safety Officer. (08 Marks)

Module-2

- 3 a. Write a note on Workmen Compensation Act. (08 Marks)
b. Discuss about the safety culture adopted in construction along with a case study. (08 Marks)
- 4 a. List and explain the conditions for breach of Safety regulations. (08 Marks)
b. Write about the project co-ordination and safety procedures followed in construction site. (08 Marks)

Module-3

- 5 a. Write a typical accident report form. (08 Marks)
b. Explain the responsibility of the employers for safety of workers at site. (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)

Module-4

- 7 a. Write a brief note on Fire Chemistry. (06 Marks)
b. Explain the behavior of fuels in fire. (10 Marks)
- 8 a. Explain the types of fire extinguishers and its use. (08 Marks)
b. Write a typical checklist followed for fire preventions in Construction. (08 Marks)

Module-5

- 9 Write a short notes on effects and causes of
a. Dust b. Impregnated timber
c. Lead poisoning d. Toxic fumes. (16 Marks)
- 10 Write a note on most common safety hazards for the following :
a. House keeping b. Noise
c. Lighting d. Power Supply (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.