

# CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

15CT82

## Eighth Semester B.E. Degree Examination, November 2020 Construction Safety Management

Time: 3 hrs.

Max. Marks: 80

*Note: Answer any FIVE full questions irrespective of modules.*

### Module-1

- 1 a. Explain Safe working environment in construction site. (08 Marks)  
b. Explain Salient features of safety programme. (08 Marks)
- 2 a. Write short notes on : (10 Marks)  
i) Safety Department ii) Safety officer  
b. Explain briefly safety records to be maintained in construction site. (06 Marks)

### Module-2

- 3 a. Explain safety clauses in a typical contract document. (12 Marks)  
b. Discuss branch of safety regulations. (04 Marks)
- 4 a. Explain safety culture in a construction site. (08 Marks)  
b. List out general safety measures to be provided in construction site. (08 Marks)

### Module-3

- 5 a. Explain the causes of accidents. (08 Marks)  
b. Explain the effects of accidents and safety measures to be taken to prevent accidents. (08 Marks)
- 6 a. Explain the responsibility of employed to be followed to prevent accidents. (08 Marks)  
b. Explain action to be taken by the site-in-charge in case of accident. (08 Marks)

### Module-4

- 7 a. Explain behavior of fuels in fire. (08 Marks)  
b. Explain fire prevention planning in construction site. (08 Marks)
- 8 a. Explain in detail, emergency escape in site during fire accidents. (08 Marks)  
b. Write a typical check list for fire prevention. (08 Marks)

### Module-5

- 9 Write short note on : (16 Marks)  
i) Dust ii) Impregnated Timber iii) Lead poisoning iv) Toxic fumes.
- 10 a. Write short notes on : (16 Marks)  
b. i) Reducing Noise ii) Materials iii) House Keeping iv) Drowning.

\* \* \* \* \*

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.