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**5581**

Register Number:

Name of the Candidate:

**B.Sc. DEGREE EXAMINATION December 2014**

**(CONSTRUCTION MANAGEMENT)**

**(SIXTH SEMESTER)**

**610: PROJECT SAFETY MANAGEMENT**

Time: Three hours

Maximum: 75 marks

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**Answer ONE FULL question from each UNIT**

**(5 × 15 = 75)**

**UNIT-I**

1. a) What are the causes of accident in worksite? What are their remedial measures?  
b) Explain about Human factors in construction safety.

(OR)

2. a) Write in detail the elements of an effective safety programmers job.  
b) Explain the importance of conducting safety meeting.

**UNIT-II**

3. a) Explain in detail role of personal manager in safety management.  
b) What is scaffolding? What are its uses?

(OR)

4. a) What is shoring? Explain different types of shoring?  
b) Explain the duties and responsibility of safety supervisor as per factories act 1948.

**UNIT-III**

5. a) Describe the planning processes involved in a construction projects.  
b) Describe the importance of construction planning.

(OR)

6. a) What are the different types of cranes? and explain about any two?  
b) Discuss about (a) pre tender stage (b) post tender stage

**UNIT-IV**

7. a) What are the requirements of good form work?  
b) What are the types of plywoods? Explain any two.

(OR)

8. a) What are the properties of timbers used in form work?  
b) What are the types of formwork and explain about any three?

**UNIT-V**

9. a) What do you understand by Mass concrete? Write some ways to keep a lower temperature of such concrete?  
b) What is the density of concrete? Explain any two types of concrete?

(OR)

10. a) List the Indian standard tests for measuring strength of concrete.  
b) Explain curing of concrete and discuss different methods of curing.

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