

## H144

### B. Tech. EXAMINATION, 2020

(Eighth Semester)

(B Scheme)

(Main & Re-appear)

CE

CE456B

CONSTRUCTION MANAGEMENT

*Time : 3 Hours]*

*[Maximum Marks : 75*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note** : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks. Assume any data if necessary.

#### Unit I

1. What are the factors affecting productivity of construction workers ? How can productivity be maintained on site ? **15**
2. Give the classification of resources that are used on site. How can resources management be done on site ? **15**

#### Unit II

3. What is the importance of quality control on site ? How measures of quality control are implemented on site ? **15**

4. Explain the features of ISO 9004 used for implementation of quality management. **15**

### **Unit III**

5. Explain the importance of Material Management on construction site. What are the different models of procurement of materials used in construction companies ? **15**
6. With help of an example explain application of ABC type of inventory model used in construction projects. **15**

### **Unit IV**

7. How Risk Assessment effect decision-making in construction projects ? How can risk mitigation be done for construction projects ? **15**
8. What is the necessity of providing Management Information System in construction projects ? How has it proved beneficial to implement ERP software in construction ? **15**