

No. of Printed Pages : 03

Roll No.

H144

B. Tech. EXAMINATION, May 2019

(Eighth Semester)

(B. Scheme) (Main & Re-appear)

(CE)

CE456B

CONSTRUCTION MANAGEMENT

Time : 3 Hours]

[Maximum Marks : 75

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.

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

(2-13/11) M-H144

P.T.O.

Unit I

1. How productivity is determined of resources on site ? How do factors like location of site and height affect the productivity ? **15**
2. How does Resource Management help in reducing wastage of productivity ? What are the factors effecting wastage ? **15**

Unit II

3. Explain the term Total Quality Management in construction. What are the benefits of Quality Management in construction projects ? **15**
4. What are Quality assurance and quality control inspection reports prepared for construction ? Explain ISO-9000 series for quality management. **15**

Unit III

5. How vendor management can help in inventory control in construction projects ? What are the benefits of proper classification of materials ? **15**

6. What are the different types of inventory models developed for material management ? Explain each model with an example. **15**

Unit IV

7. How risks are identified in a project ? Explain the qualitative and quantitative analysis of Risks. **15**
8. Explain the term Decision support system. What are the benefits of using MIS in construction projects ? **15**