

R13

Code No: 118AZ

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, May - 2017

CONSTRUCTION MANAGEMENT

(Common to CE, CEE)

Time: 3 hours

Max. Marks: 75

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A

(25 Marks)

1. a) Define management. [2]
- b) List out the names of organizational structure. [3]
- c) Define preliminary planning. [2]
- d) Name the different construction stages. [3]
- e) Give the names of earth excavation equipment. [2]
- f) Name the various forms of scheduling. [3]
- g) Define specification. [2]
- h) What is the purpose of M-Book? [3]
- i) What is social security? [2]
- j) What is the necessity of safety in construction? [3]

PART - B

(50 Marks)

2. Explain the various management theories. [10]
 3. Write a note on "Human Resource Management". [10]
 4. What are the functions of construction management and give its applications? [10]
- OR**
- 5 a) List out the various network techniques in construction management. [5+5]
 - b) Explain the bar chart and give its limitations. [5+5]
 - 6.a) Name the resource allocation methods. [5+5]
 - b) Give the steps involved in any one of the resource allocation methods. [5+5]
- OR**
7. Explain the different costs involved in material management for material, labour and expenses. [10]
 - 8.a) Give the salient features of contract document. [5+5]
 - b) List out the important conditions of contract. [5+5]
- OR**
- 9.a) Explain the various deposits provided by contractor. [5+5]
 - b) Write a note on "Muster Roll". [5+5]
 10. Explain the different laws relating to wages. [10]
 11. Explain legal and financial aspects of accidents in construction. [10]