

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]
- OR**
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.
- b) Explain the bar chart and give its limitations. [5+5]
- 6.a) Name the resource allocation methods.
- 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.
- b) List out the important conditions of contract. [5+5]
- OR**
- 9.a) Explain the various deposits provided by contractor.
- 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]