



Printed Pages : 2

CE – 606

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 0031

Roll No.

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B. Tech.

(SEM. VI) EXAMINATION, 2006-07

CONSTRUCTION MANAGEMENT

Time : 2 Hours]

[Total Marks : 50

Note : Attempt all questions.

1 Attempt any **four** parts of the following : **3.5×4 = 14**

- (a) What do you understand by work breakdown structure?
- (b) State Fulkerson's rule for numbering the nodes in a network.
- (c) What is a float and how is it useful in a CPM network?
- (d) Differentiate between PERT and CPM network
- (e) What do you understand by work breakdown structure? What is its importance in network planning?
- (f) Write the steps to determine critical path in a PERT network.

- 2 Answer any **two** parts of the following : **2×6=12**
- (a) Define :
- (i) Capitalized cost
 - (ii) Rate of Return
 - (iii) Sinking fund
 - (iv) Deferred annuities
 - (v) Obsolescence
 - (vi) Book value
- (b) Discuss the cash flow control of a project.
- (c) Describe the basic system of cost control.
- 3 Answer any **two** parts of the following : **2×6=12**
- (a) Discuss the merits and demerits of lump sum contract.
- (b) Describe the conditions of contract.
- (c) What is the departmental procedure for execution of a civil engineering project?
- 4 Answer any **two** parts of the following : **2×6=12**
- (a) What do you understand by arbitration? What are the advantages of arbitration?
- (b) What do you understand by motion study? What are its objectives?
- (c) Explain :
- (i) Unbalanced tender
 - (ii) Global tender
 - (iii) Work order.