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**Question Paper Code: 31171**

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2017

Seventh Semester

Civil Engineering

01UCE701 - CONSTRUCTION MANAGEMENT AND FINANCE

(Regulation 2013)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. What is meant by construction planning process?
2. Enlist the purposes of coding.
3. Differentiate between Float and Total Float.
4. Define resource-limited schedule.
5. Express the advantages of accounting.
6. Tabulate the sources of cash inflow.
7. Discover the ways to improve total control?
8. Mention the causes of accidents in a construction industry.
9. Give the different compounds of a balance sheet.
10. Identify the role of ratio analysis in construction management?

PART - B (5 x 16 = 80 Marks)

11. (a) Explain briefly about the choice of construction technology and construction methods. (16)

Or

(b) Explain the procedure of estimating the resource requirements for activities. (16)

12. (a) The details of a network are given below where duration are in days. Find the critical path, project completion time and all floats.

Activity	A	B	C	D	E	F	G
Predecessor	-	-	A, B	C	C	D	D, E
Duration	3	5	4	6	3	2	4

(16)

Or

(b) Summarize the differences between CPM and PERT in detail. (16)

13. (a) Explain cash flow control in detail. (16)

Or

(b) Write a detailed note on different stages of cost control. (16)

14. (a) Explain statistical quality control with sampling by variables. (16)

Or

(b) Describe the various available measures to improve jobsite safety in construction. (16)

15. (a) Explain in detail about the various types of financial institutions. (16)

Or

(b) Describe the significance and importance of funds flow statement. (16)

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