

Reg. No. :

--	--	--	--	--	--	--	--	--	--

Question Paper Code: 47101

B.E./B.Tech. DEGREE EXAMINATION, DEC 2020

Seventh Semester

Civil Engineering

14UCE701 -CONSTRUCTION MANAGEMENT AND FINANCE

(Regulation 2014)

Duration: 1.15 hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. Milestone charts are developed around CO1- R
(a) 1800 (b) 1840 (c) 1900 (d) 1940
2. If the project duration is < 3 years then it is known as..... CO1- R
(a) Long duration projects (b) Medium duration projects
(c) Mega duration projects (d) Short duration
3. The super imposed activity, which does not represent any specific operation or CO2- R
process is known as
(a)Event (b)Dummy
(c) node (d)network
4. The time which does not reduce direct cost with increase in time is known as CO2- R
(a) crash time (b) normal time (c) optimistic time (d) standard time
5. The network elements are CO3- R
(a) activity (b) Event (c) slack (d) both (a)& (b)
6. Negative slack indicate CO3- R
(a) ahead of schedule condition (b) behind the schedule conduction
(c) on schedule condition (d) none of the above

7. If the probability factor is zero, the chances of the completing the project in schedule time are CO4- R
- (a) 0% (b) 50% (c) 75% (d) 100%
8. Positive float for any activity means that the activity CO4- R
- (a) super critical (b) sub critical (c) critical (d) none of the above
9. The balance sheet adheres to the following formula: CO5- R
- (a) Assets + Shareholders' Equity = Liabilities
- (b) Assets + Liabilities = Shareholders' Equity
- (c) Assets + Shareholders' Equity + Liabilities = 0
- (d) Assets = Liabilities + Shareholders' Equity
10. Current ratio = CO5- R
- (a) Liabilities / Assets (b) Debts / Fund
- (c) Share capital / Debentures (d) Current assets / Liabilities.

PART – B (3 x 8 = 24 Marks)

(Answer any three of the following questions)

11. Explain briefly about work task in detail with appropriate examples. CO1 -U (8)
12. Explain the CPM network analysis fundamentals CO2- U (8)
13. What are the types of cost control? Explain them briefly. CO3- U (8)
14. Write in detail about quality and safety concerns in construction. CO4 - U (8)
15. Explain in detail about the Financial Statement Analysis. CO5- U (8)

