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Reg. No. :

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Question Paper Code: 99701

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2025

Seventh Semester

Civil Engineering

19UME701-PROJECT MANAGEMENT AND FINANCE

(Common to CSE,ECE,EEE,MECH,IT, Chemical, BME & Biotech Engineering)

(Regulations 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

1. A project is accomplished by performing a set of CO1- U
(a) Objectives (b) Activities (c) Team members (d) Organization
2. Which characteristics of project deals with buy or make decision..... CO1- U
(a) Sub-contracting (b) Life cycles (c) Risk & Uncertain (d) change
3. The Dummy activity is CO1- U
(a) Imaginary activity (b) network (c) arrow (d) successor
4. The critical path is the group of activities in the project that have a slack time of CO1- U
(a) Zero (b) One (c) Two (d) Three
5. Parkinson's Law states that the work expands to fit the allotted CO1- U
(a) cost (b) time (c) resources (d) activity
6. A..... is a procedure based upon a simple rule CO1- U
(a) Heuristic (b) least slack (c) shortest task time (d) most resource
7. The control and _____ are part of every project manager's job. CO1- U
(a) Elevate (b) schedule (c) cost (d) scope

8. Project quality means quality of the project end-items.... CO1- U
 (a) Deliverable (b) Product (c) deliverable and product (d) safety
9. Patents, Copyrights and trademarks are CO1- U
 (a) Current assets (b) Fixed assets (c) Intangible assets (d) Investments
10. A Project costs Rs.3, 00,000 and yields an annual cash flow of Rs.50, 000/- for 8 years. Calculate its pay-back period. CO1- U
 (a) 4 Years (b) 5 Years (c) 6 Years (d) 7 Years

PART – B (5 x 2= 10Marks)

11. Describe planning stage. CO1 U
12. Differentiate PERT and CPM CO1 U
13. Explain Splitting CO1 U
14. Explain the BOOT CO1 U
15. Describe the profitability ratios. CO1 U

PART – C (5 x 16= 80Marks)

16. (a) Briefly explain types of project organization structure. CO1 U (16)
 Or
 (b) Explain the work breakdown structure in project planning. CO1 U (16)
17. (a) Explain the difference between total and free slack. And between ES, EF, LS, and LF CO4- App (16)
 Or
 (b) Describe the construction network diagram with examples CO4- App (16)
18. (a) Demonstrate in detail about the critical chain scheduling method with suitable real time example CO2- App (16)
 Or
 (b) Apply the Multi Project resource scheduling project resources with example CO2- App (16)
19. (a) Illustrate the purpose of quality function deployment with house of quality examples. CO4 - App (16)
 Or
 (b) Illustrate the methods of monitor, evaluate and control planned cost and schedule performance CO4- App (16)

20. (a) Illustrate the Profit and Loss Account, from the following balances of Mr. Kumar for the year ending 31.12.2019.

Office Rent	Rs.30,000	Salaries	Rs.80,000
Printing Expenses	Rs.2,0000	Stationeries	Rs.3,000
Tax, Insurance	Rs.4,000	Discount allowed	Rs.6,000
Advertisement	Rs.36,000	Travelling expenses	Rs.26,000
Gross Profit	Rs.2,50,000	Discount received	Rs.4,000

CO5- App (16)

Or

- (b) (From the following trial balance of Ms,Rajkumar, prepare trading , profit and loss account for the year ending 31.12.2016 (16)

Particulars	Debit (Rs)	Particulars	Credit (Rs)
Purchases	5,40,000	Sales	10,40,000
Salaries & wages	3,50,000	Returns outward	12,000
Office expenses	4,000	Discount received	6,000
Trading expenses	8,000	Interest received	3,000
Factory expenses	11,000	Capital	1,78,000
Carriage inwards	8,000		
Returns inwards	12,000		
Discount allowed	4,000		
Commission	2,000		
Stock	60,000		
Income tax	40,000		
Cash in hand	2,00,000		
	12,39,000		12,39,000

CO5- App

Closing stock is valued at Rs.1,35,000

