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B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

July 2024 Semester End Main Examinations

Programme: B.E.

Branch: ECE,EEE,ETE & EIE

Course Code: 22ES5HSPMF

Course: Project Management And Finance

Semester: V

Duration: 3 hrs.

Max Marks: 100

Instructions: 1. Answer any FIVE full questions, choosing one full question from each unit.
2. Missing data, if any, may be suitably assumed.

			UNIT - I			CO	PO	Marks
Important Note: Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.	1	a)	Identify the factors which determine the effort needed to execute a project. Discuss the various categories into which an industrial projects can be fitted.			CO1	PO1	10
		b)	Enumerate the basic roles and responsibilities of a project manager.			CO1	PO1	10
			UNIT - II					
	2	a)	What should be included in the feasibility report as per the guidelines published by the planning commission?			CO2	PO2	07
		b)	Elaborate on the types of estimates that are made during the life-cycle of a project.			CO2	PO2	10
		c)	Specify the significance of the zero date.			CO2	PO2	03
			UNIT - III					
	3	a)	Identify and elaborate on the issues relating to delegation which need close scrutiny.			CO3	PO11	12
		b)	Highlight the factors that may be considered while taking a decision on the number of contracts.			CO3	PO11	08
			OR					
	4	a)	Discuss the 7'C's for team building and specify the inspiration behind the '7'C's.			CO3	PO11	08
		b)	Identify the issues to be handled by an authority in project management.			CO3	PO11	12
			UNIT - IV					
	5	a)	Discuss about how Planning, Scheduling and Monitoring is to be done in Project management			CO4	PO6	10

	b)	<p>Your Project Manager, Chas Wood, has produced the following network diagram for a programming project. Chas has specified the duration for each activity in Table I below. The following details are available regarding the project:</p> <p>Table I</p> <table border="1"> <thead> <tr> <th>Activity</th><th>Precedence</th><th>Duration</th></tr> </thead> <tbody> <tr> <td>A</td><td>-</td><td>3</td></tr> <tr> <td>B</td><td>A</td><td>5</td></tr> <tr> <td>C</td><td>A</td><td>7</td></tr> <tr> <td>D</td><td>B</td><td>10</td></tr> <tr> <td>E</td><td>C</td><td>5</td></tr> <tr> <td>F</td><td>D,E</td><td>4</td></tr> </tbody> </table> <p>Determine the critical path, the critical activities and the project completion time.</p>	Activity	Precedence	Duration	A	-	3	B	A	5	C	A	7	D	B	10	E	C	5	F	D,E	4	CO4	PO6	10
Activity	Precedence	Duration																								
A	-	3																								
B	A	5																								
C	A	7																								
D	B	10																								
E	C	5																								
F	D,E	4																								
		OR																								
6	a)	Discuss three phases of effective project management underlying network analysis.	CO4	PO6	06																					
	b)	What is the effectiveness of maintaining Dairy?	CO4	PO6	06																					
	c)	Illustrate the work breakdown structure with a relevant example.	CO4	PO6	08																					
		UNIT - V																								
7	a)	Discuss the significant features of short term loan and long term loan.	CO3	PO11	08																					
	b)	Distinguish between i)Equity and Debt ii) Bonds and Debentures	CO3	PO11	12																					
