

Register No : _____

THE KAVERY ENGINEERING COLLEGE

(An Autonomous Institution)

MCA DEGREE END SEMESTER THEORY EXAMINATIONS, NOV/DEC 2025

Second Semester

Master of Computer Applications

PMCE2401 – Software Project Management

Regulations - 2024

Duration : 3 Hrs

Maximum : 100 Marks

PART – A (ANSWER ALL QUESTIONS) (Marks 10*2=20)

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
1.	Mention the importance of defining the Project Scope.	L2	1	2
2.	Justify how larger project is more difficult than the smaller projects?	L2	1	2
3.	Why Risk Evaluation is important in project evaluation?	L2	2	2
4.	Specify the purpose of Payback Period in cost-benefit evaluation.	L2	2	2
5.	What is expert judgment in software estimation?	L1	3	2
6.	Identify the risks of relying solely on expert judgment for software estimation.	L2	3	2
7.	Differentiate risk mitigation and risk avoidance.	L2	4	2
8.	Define slack time.	L1	4	2
9.	Give the Importance of cross-cultural leadership in global project management.	L2	5	2
10.	How has the internet improved communication in project management?	L2	5	2

PART – B (ANSWER ALL QUESTIONS) (Marks 5*16 = 80)

<i>Q.No</i>		<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
11.	a	Demonstrate the overview of software project planning in developing of a software project.	L2	1	16
		Or			
	b	Explain the process of identifying and managing risks in software projects, and explain why risk management is crucial for the success of a software development project.	L2	1	16
12.	a	Explain the different techniques used for cost-benefit evaluation of a software project. Discuss their strengths and limitations.	L2	2	16
		Or			
	b	Interpret the process of selecting an appropriate project approach for a software project. Discuss how factors like technology, process models, and project size influence the selection.	L2	2	16
13.	a	Compare different methods for estimating software development effort. Explain the advantages and limitations of each method.	L2	3	16
		Or			
	b	Illustrate the various techniques and models used for scheduling project activities.	L2	3	16

14.	a	i	Outline the process of risk management in software projects.	L2	4	8
		ii	Explain the steps involved, the techniques for risk identification, and the strategies for mitigating risks.	L2	4	8
	Or					
	b	i	Explain the importance of resource allocation in software project management.	L2	4	8
		ii	Interpret the techniques for scheduling resources, managing the critical path, and controlling costs.	L2	4	8
15.	a		Examine the evolution of globalization in project management and discuss its challenges in managing global teams.	L4	5	16
	Or					
	b		Discuss the role of the internet in transforming project management practices. Analyze the benefits and challenges of managing projects with remote teams using digital tools and platforms.	L4	5	16