

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY GURAJADA VIZIANAGARAM
III B.Tech II Semester Supplementary Examinations, November-2025
SOFTWARE PROJECT MANAGEMENT

Time: 3 hours

Max. Marks: 70

Answer any **FIVE** Questions **ONE** Question from **Each unit**

All Questions Carry Equal Marks

		<u>UNIT-I</u>	
1.	a)	Discuss the key challenges in conventional software management and how they impact project performance.	[7M]
	b)	Explain the concept of peer inspections and their role in achieving required software quality.	[7M]
		(OR)	
2.	a)	Describe the transition from the old way to the new way in software engineering practices.	[7M]
	b)	How does automation improve software economics? Discuss with examples.	[7M]
		<u>UNIT-II</u>	
3.	a)	Explain the role of the construction and transition phases in the software development life cycle.	[7M]
	b)	Discuss the importance of management artifacts in project tracking and control.	[7M]
		(OR)	
4.	a)	How do engineering artifacts contribute to software development and project management?	[7M]
	b)	Explain the significance of the elaboration phase in project planning.	[7M]
		<u>UNIT-III</u>	
5.	a)	Explain the importance of periodic status assessments in project evaluation.	[7M]
	b)	Discuss how cost and schedule estimation impact project planning and execution.	[7M]
		(OR)	
6.	a)	Explain the concept of pragmatic planning in iterative software development.	[7M]
	b)	What are the major workflows in the software development process? Explain with examples.	[7M]
		<u>UNIT-IV</u>	
7.	a)	Discuss the evolution of project organizations and how they influence project management.	[7M]
	b)	Explain the concept of metrics automation and its benefits in software project management	[7M]
		(OR)	
8.	a)	Describe the importance of management indicators in software project monitoring.	[7M]
	b)	Explain the role of line-of-business organizations in software project execution.	[7M]

		<u>UNIT-V</u>	
9.	a)	Discuss the key patterns for adopting Scrum in Agile development.	[7M]
	b)	Explain the role of orchestration in the DevOps ecosystem	[7M]
		(OR)	
10.	a)	Describe how Agiling capabilities help in DevOps adoption.	[7M]
	b)	What are the people and process aspects of DevOps implementation?	[7M]
