

K. J. Somaiya Institute of Technology, Sion, Mumbai-22
(Autonomous College Affiliated to University of Mumbai)

May-June : 2025-2026		
(B. Tech.) Program: Computer Engineering Scheme: IIP		
Regular:-LY Semester: VIII		
Course Code: ILC8041 and Course Name: Project Management		
Date of Exam: 25/5/2026	Duration: 02.5 Hours	Max. Marks: 60

Instructions:

- (1) All questions are compulsory.
- (2) Draw neat diagrams wherever applicable.
- (3) Assume suitable data, if necessary.

Q. No.	Question	Max. Marks	CO	BT level
Q 1	Solve any two questions out of three: (05 marks each)	10		
a)	Apply project selection criteria using non-numeric models for selecting a suitable infrastructure project.		CO2	Ap
b)	Construct a network diagram for the given project activities and identify the critical path.		CO3	Ap
c)	Explain the role of Project Manager in handling negotiations and resolving conflicts during project execution.		CO1	U
Q 2	Solve any two questions out of three: (05 marks each)	10		
a)	Explain stakeholder communication plan and its significance in project planning.		CO4	U
b)	Describe different types of project termination with suitable examples.		CO6	U
c)	Explain project procurement management and outsourcing in project management.		CO5	U
Q.3	Solve any two questions out of three. (10 marks each)	20		
a)	A project team is facing continuous conflicts due to unclear responsibilities and poor coordination. Suggest leadership techniques and ethical practices to improve team performance.		CO6	Ap

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b)	Explain project charter, project proposal and stages of team development with suitable examples.		CO2	U
c)	A project manager has to close a failed project due to budget overrun and stakeholder dissatisfaction. Explain the steps involved in project termination and documentation process.		CO6	Ap
Q.4	Solve any two questions out of three. (10 marks each)	20		
a)	Analyze top-down and bottom-up budgeting techniques used in project cost estimation.		CO3	An
b)	A project consists of the following estimated costs: Requirement Analysis = ₹25,000, Design = ₹40,000, Coding = ₹60,000, Testing = ₹30,000. Calculate the total project budget including 10% contingency reserve.		CO5	U
c)	Explain probability and impact matrix along with positive and negative risk response strategies.		CO4	U
