Roll No. | | | | | | | | | | | | |

Total No. of Questions: 09 Total No. of Pages: 02

B.Tech (IT), Semester 7th

SOFTWARE PROJECT MANAGEMENT

Subject Code: BTIT702-18

M.Code: 90550

Date of Examination: 30-04-2026

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

Q. No.	Question	CO	BL
	SECTION-A		
1.	Answer briefly:		
a.	Define the terms Software process and Process model.	CO-1	L1
b.	Outline the significance of stepwise planning.	CO-1	L2
c.	What is cash flow forecasting?	CO-2	L1
d.	Differentiate between project costing and project evaluation.	CO-2	L2
e.	List two types of risks in projects.	CO-3	L1
f.	Describe the role of critical path in scheduling.	CO-3	L2
g.	What do you mean by Earned Value analysis.	CO-4	L1
h.	Classify various stages of Contract Placement.	CO-4	L2

i.	State two characteristics of Hackman Job model.	CO-5	L1
j.	Explain the role of groups in software projects.	CO-5	L2
	SECTION-B		
2.	Compare plan-driven and agile models with respect to time and cost.	CO-1	L4
3.	Analyze the effect of schedule compression on project quality.	CO-2	L4
4.	Express the significance of Project sequencing.	CO-3	L3
5.	Justify Supply Chain Management (SCM) as a tool for project stability.	CO-4	L5
6.	Explain Capability Maturity Model Integration (CMMI)as a framework for quality assurance.	CO-5	L5
	SECTION-C		
7.	Construct a simple cash flow forecasting table for a project.	CO-2	L3
8.	Compare Program Evaluation and Review Technique (PERT) and Critical Path Method (CPM) in simple terms with examples.	CO-4	L4
9.	Explain a small test plan for an online banking software.	CO-5	L5

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the student.

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