Code: 20CS4702B

IV B.Tech - I Semester – Regular / Supplementary Examinations OCTOBER 2024

SOFTWARE PROJECT MANAGEMENT
(COMPUTER SCIENCE & ENGINEERING)

Duration: 3 hours   Max. Marks: 70

Note: 1. This paper contains questions from 5 units of Syllabus. Each unit carries 14 marks and have an internal choice of Questions.

      2. All parts of Question must be answered in one place.

BL – Blooms Level   CO – Course Outcome

			BL	CO	Max. Marks
		UNIT-I			
1	a)	Define Project. Explain the importance of Software Project Management.	L2	CO1	7 M
	b)	Differentiate Traditional versus Modern Project Management Practices	L4	CO1	7 M
		OR			
2		Explain about the software development life cycle.	L2	CO1	14 M
		UNIT-II			
3	a)	Discuss about the Business Case.	L2	CO1 CO2 CO4	7 M

	b)	Write a Short note on i) Technical Assessment ii) Cash flow forecasting.	L2	CO1 CO2 CO4	7 M

OR

4		Explain in detail about the Cost-Benefit Evaluation Techniques?	L2	CO1 CO2 CO4	14 M

UNIT-III

5	a)	Illustrate about Project analysis using a neat diagram.	L3	CO1 CO2 CO4	7 M
	b)	Summarize various types of Prototypes in software.	L2	CO1 CO2 CO4	7 M

OR

6	a)	Analyze what factors will get affected by choosing the methodologies and Technologies?	L4	CO1 CO2 CO4	7 M
	b)	Discuss about the Waterfall Model.	L2	CO1 CO2 CO4	7 M

UNIT-IV

7	a)	Analyze the Problems with Over-and Under-Estimates.	L4	CO1 CO3 CO4	7 M

	b)	Explain how the measure of work is estimated in software project.	L2	CO1 CO3 CO4	7 M
		OR			
8	a)	Discuss about measure of effort in software project.	L2	CO1 CO3 CO4	7 M
	b)	Discuss in detail about the COSMIC Full Function Points.	L2	CO1 CO3 CO4	7 M
		UNIT-V			
9	a)	Define Risk. Analyze what are the causes as well as effects of Risk, and categories of Risks.	L4	CO1 CO2 CO4	7 M
	b)	Explain about the Risk Identification.	L2	CO1 CO2 CO4	7 M
		OR			
10		Write a short notes on i) Risk Assessment ii) Risk Management.	L2	CO1 CO2 CO4	14 M