Code No.: CS623PE | R20 | H.T.No. | | | 8 | R | | | | | |

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III–B.TECH–II–Semester End Examinations (Regular) - June- 2024
SOFTWARE PROJECT MANAGEMENT
(CSE)

[Time: 3 Hours] [Max. Marks: 70]

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 20 marks. Answer all questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART-A **(20 Marks)**

1.	a)	What is meant by software economics?	[2M]
	b)	List the use of peer inspections?	[2M]
	c)	State the top five principles of a modern process	[2M]
	d)	Write short note on the inception phase.	[2M]
	e)	Define the term artifact set.	[2M]
	f)	Discuss component view.	[2M]
	g)	Explain cost estimation process.	[2M]
	h)	Outline brief notes on major milestones in software process.	[2M]
	i)	What is a status report in the context of project planning?	[2M]
	j)	Define software quality.	[2M]

PART-B **(50 Marks)**

2.	a)	Explain in detail about waterfall model	[7M]
	b)	Illustrate a software cost estimation process	[3M]
		OR	
3.	a)	Summarize the key practice that improves software quality.	[6M]
	b)	Summarize how to improve the team effectiveness.	[4M]
4.	a)	Explain the principles of conventional software engineering	[6M]
	b)	Describe the phase of software project elaboration.	[4M]
		OR	
5.	a)	Discuss the primary objectives of Construction and Transition phases	[5M]
	b)	Explain the principles of modern software management in detail.	[5M]
6.	a)	Analyze about management artifacts	[7M]
	b)	Illustrate briefly about pragmatic artifact.	[3M]
		OR	
7.	a)	Explain the life-cycle evolution of the artifact set	[6M]
	b)	Discuss Architecture in detail from technical perspective.	[4M]

8.	Demonstrate in detail about seven top-level workflows	[10M]
	OR	
9.	a) Explain in detail about periodic status assessments	[3M]
	b) Describe the conventional WBS issues and planning guidelines	[7M]
10.	a) Explain Evolution of organization	[5M]
	b) Demonstrate about project environment	[5M]
	OR	
11.	a) Outline short notes on basic characteristics of good metrics	[4M]
	b) Illustrate about quality indicators	[6M]

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