II B. Tech I Semester Supplementary Examinations, Feb/March - 2022 SOFTWARE ENGINEERING

(Computer Science & Engineering)

Tin	ne: 3	(Computer Science & Engineering) B hours Max. Marks: 7	5
		Answer any FIVE Questions each Question from each unit All Questions carry Equal Marks	_
1	a)	Discuss about PSP and TSP.	[8M]
	b)	Explain Specialized process model.	[7M]
		Or	
2	a)	Explain a Generic process model with suitable diagram.	[8M]
	b)	Write about Prototype model.	[7M]
3	a)	Describe Requirement elicitation and analysis activities.	[7M]
	b)	What are the principles that Guide Each framework activity?	[8M]
		Or	
4	a)	Elaborate Software requirement document.	[7M]
	b)	Describe use case modeling. Draw use case Diagram for Credit card processing.	[8M]
5	a)	Discuss about class based modeling. Draw class diagram for floor plan.	[8M]
	b)	Explain requirements modeling for web apps.	[7M]
		Or	
6	a)	Write about data objects, data attributes, relationships and cardinality and modality.	[8M]
	b)	Explain about scenario-based modeling.	[7M]
7	a)	If software design is not a program, then what it is? What makes software design different from coding?	[8M]
	b)	Identify the ways to assess the quality of a software design.	[7M]
		Or	
8	a)	What is architecture? Discuss different architectural views with suitable example.	[8M]
	b)	Explain a brief taxonomy of architectural styles.	[7M]
9	a)	What are the golden rules for uses interface design? Explain.	[7M]
	b)	What is testing? Explain clearly about system testing.	[8M]
		Or	
10	a)	Discuss the design principle that reduces user memory in user's interface.	[7M]
	b)	What is boundary value analysis? Explain the technique specifying the rules and usage with the help of example.	[8M]
		1 of 1	