

Code No: P21CST04

HALL TICKET NUMBER

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PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)

II B.TECH I SEMESTER END SUPPLEMENTARY EXAMINATIONS, MARCH/APRIL - 2023
SOFTWARE ENGINEERING
(Common to CSE,CSIT Branches)

Time: 3 hours

Max. Marks: 70

Answer all the questions from each UNIT (5X14=70M)

Q.No.	Questions	Marks	CO	KL
UNIT-I				
1.	a) Define Software Engineering? and Explain Process framework Activities	[7M]	1	
	b) Explain Specialized Process Models in detail	[7M]	1	
OR				
2.	a) Explain about The Nature of Software and Personal and Team Process?	[7M]	1	
	b) Define Myth ? Explain the types of Myths available.	[7M]	1	
UNIT-II				
3.	a) What the metrics for specifying the NON-functional Requirements.	[7M]	2	
	b) Discuss Analysis and Design Models.	[7M]	2	
OR				
4.	a) Elaborate on software requirements document in detail?	[7M]	2	
	b) Why design is important in design engineering?	[7M]	2	
UNIT-III				
5.	a) Explain the Development of DFD Model of a System,	[7M]	3	
	b) Explain Types of User Interfaces	[7M]	3	
OR				
6.	a) Explain Component-based GUI Development	[7M]	3	
	b) What is object-oriented design? Explain	[7M]	3	
UNIT-IV				
7.	a) Explain the different integration testing approaches	[7M]	4	
	b) What do you mean by system testing? Explain in detail	[7M]	4	
OR				
8.	a) Justify the importance of testing process	[7M]	4	
	b) What are the various testing strategies to software testing? Discuss them briefly.	[7M]	4	
UNIT-V				
9.	a) Discuss the concept of software maintenance process.	[7M]	5	
	b) Explain Maintenance Cost and Software Configuration Management?	[7M]	5	
OR				
10.	a) Explain in detail ISO 9000 quality standards?	[7M]	5	
	b) Define software reliability along with its terms?	[7M]	5	
