Code No: P21ITT03

HALL TICKET NUMBER

PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)
II B.TECH I SEMESTER END SUPPLEMENTARY EXAMINATIONS, MARCH/APRIL - 2023
SOFTWARE ENGINEERING
(Common to IT,AIDS,AIML 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)	What is software Life cycle model? Explain.	[7M]	1	1
	b)	Discuss about the manager, customer and practitioner's myths.	[7M]	1	6
		OR			
2.	a)	Explain merits and demerits of different software life cycle models?	[7M]	1	2
	b)	Discuss the advantages of Incremental process model?	[7M]	1	6
		UNIT-II			
3.	a)	Write the properties of a good SRS document.	[7M]	2	1
	b)	Discuss about the importance of System models?	[7M]	2	6
		OR			
4.	a)	Write notes on behavioral and object models.	[7M]	2	1
	b)	Discuss about the feasibility study?	[7M]	2	6
		UNIT-III			
5.	a)	Explain different types of Software Design?	[7M]	3	2
	b)	What criteria can be used to partition software into individual components? Explain.	[7M]	3	1
		OR			
6.	a)	Discuss about advantages and disadvantages of Architectural Design?	[7M]	3	6
	b)	Write about behavioral diagrams of UML?	[7M]	3	1
		UNIT-IV			
7.	a)	What are the principles of software testing?	[7M]	4	1
	b)	Explain why we need a model for software testing?	[7M]	4	2
		OR			
8.		Briefly discuss about the Product metrics.	[14M]	4	6
		UNIT-V			
9.	a)	Explain the properties of software quality management system?	[7M]	5	2
	b)	Discuss about the principles of Risk Management?	[7M]	5	6
		OR			
10.	a)	What are the benefits of Software Quality Management?	[7M]	5	1
	b)	Discuss about ISO 9000 quality standards in Software Engineering?	[7M]	5	6

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