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	rary		Third Semester B.E	. Degree Exam	ination, June/	July 2024
1/30			Sof	tware Engin	eering	
N. Sani	A Tu	ne:	3 hrs.			Max. Marks: 100
tice.		N	ote: Answer any FIVE full qu	estions, choosing C	NE full question f	rom each module.
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s ma	1	0	What is Software Engineerin	<u>Module-1</u>	rfall madel annroa	ab to dovalor a cofficience
ted a	1	a.	What is Software Engineerin product with a neat diagram.	g: Explain the wate	rian model approac	(10 Marks)
treat		b.	Explain Insulin pump control	system with a neat	diagram.	(10 Marks)
ages II be			· · · · · · · · · · · · · · · · · · ·	-		
nk p ), wi	2			OR	Y	
g bla = 50	2	а. b.	Explain Requirement Engine In connection with requirement	//		(10 Marks)
ining 2+8		υ.	i) Scenario ii) Interviewing		itation, explain the	(10 Marks)
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the 1 tten				Module-2		
s on s wri	3	a.	What is object orientation? E oriented approach.	explain the four aspe	ects or characteristi	
line		b.	What is an object oriented de	velopment? Explain	object oriented the	(10 Marks) mes. (10 Marks)
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diago r ano	4	a.	Explain the following: i) Link			
raw ( uato			<ul><li>i) Link</li><li>ii) Association</li></ul>			
ily dı eval			iii) Multiplicity			
ulsori al to			iv) Ordering			(10 Marks)
appe		b.	Explain association classes an	nd qualified associat	ions with an examp	le for each. (10 Marks)
rs, cc ion, a				Module-3		
swei ficat	<ul> <li>5 a. What are structural models? In connection with structural models, explain the following:         <ol> <li>i) Generalization</li> <li>ii) Aggregation</li> <li>iii) Magregation</li> <li>iii) What is Event-Driven modeling? Explain the state diagram of a microwave oven.</li> </ol> </li> </ul>					
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omp				OR		
On c	6	a.	Explain the Rational Unified	-	0	· (10 Marks)
2.7		b.	What are Design Models? Ex	plain weather statio	n state diagram.	(10 Marks)
Note				Module-4		
ant N	7 a. What is Software Testing? Explain Test Driven Development with a neat diagram.					
Important Note : 1. 2.		b.	What is Accontance Testing?	Evaloin Accontance	Testing process w	(10 Marks)
Im		υ.	What is Acceptance Testing?	Explain Acceptance	r esting process w	(10 Marks)
				1 of 2		. 🛥

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(10 Marks)

- 8 a. What is Software Evolution? Explain software evolution process with a neat diagram.
  - b. What is Software Re-Engineering? Explain software evolution process with a neat diagram.

(10 Marks)

## Module-5

- 9 a. What is Project Planning? Explain the project planning process with a neat diagram. (10 Marks)
  - b. Explain the following:
    - i) Project scheduling
    - ii) Estimation techniques

(10 Marks)

## OR

- 10 a. What is Software Quality? With a neat diagram, explain process based approach to achieve product quality. (10 Marks)
  - b. What is Software Review? Explain the software Review process with a neat diagram.

(10 Marks)