Total No	o. of Questions: 8]	80	SEAT No.:	
P1544	1 [600]	2]-173	[Total	No. of Pages : 2
	S.E. (Informat	700	gy)	
	SOFTWARE		50 ,	
	(2019 Pattern) (Se	mester-IV) (2	214454)	
<i>Time</i> : 2 ¹ /	/2 Hours]		I	Max. Marks : 70
Instructi	ons to the candidates:			
1)	Attempt Q.1 or Q.2, Q.3 or Q.4, Q.5		2.8.	
<i>2</i>)	Neat diagrams must be drawn when			
3) 4)	Figures to the right side indicate fundamental Assume Suitable data if necessary.	ili marks.		
7)	Assume Summore und if necessary.		3	
				•
Q1) a)	Explain design concepts:			[6]
	i) Abstraction			
	.0.7			
	ii) Modularity		•	
b)	Write a note on User Interface	Design.		[6]
c)	Explain effective modular desi	gn with neat dia	gram.	[6]
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		DR.		290
Q2) a)	Define Usability. Explain diff	Farant characteri	etice of usa	bility and ISO
Q 2) a)	characteristics.	ciciii ciiaracteri	istics of usa	office and 150
	characteristics.			\$(9)
b)	Explain the mechanisms applied	ed in user interfa	ace design fo	or fulfilling the
	Mandel's three golden rules.			[9]
Q3) a)	Write a note on effort estimation	on and schoduli	ng o	101
Q3) a)	write a note on errort estimation	on and schedum	ing.	[9]
b)	Enumerate the 4P's of project	management.		[8]
		on Co	, 6,	
	(OR OR	0	
Q4) a)	State and explain the five mor	e important goa	ls of a proje	ct. [10]
b)	Explain in detail categories of	Software Metric	es with suita	ble examples.
- /	1	26.		[7]

P.T.O.

Q 5) a)	Describe the steps of defect management with neat diagram.	[6]
b)	What are the parameters considered for writing a good defect report	rt? [6]
c)	What is the difference between Testing and debugging?	[6]
	OR	
Q6) a)	What is software quality? Explain software quality dimen	sions
	parameters.	[9]
b)	Enlist any three objectives of testing? Differentiate between Manu	al and
	automation testing.	[9]
Q7) a)	Write a short note on:	[12]
	i) Business process re-engineering	
	ii) Risk Management	
1		F#3
b)	Explain in brief test driven development	[5]
	OR O	
Q8) a)	Explain in detail, the SCM repository features.	
2 0) u)		[9]
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1.)	Write a note on elements of a Configuration Management System.	