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Total No. of Questions – [08] / Total No. of Printed Pages 02

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G.R.	No.	Paper Codet U359-124(ESE)	
	, 24	DECEMBER 2019/ENDSEM	. (M.C
		B. TECH. (COMPUTER ENGINEERING) (SEMESTER SE NAME: SOFTWARE ENGINEERING	- 1)
		SE NAME: SOFTWARE ENGINEERING SE CODE: CSUA31174	
CUL	) Ki	(PATTERN 2017)	
Time	: [2	Hours] [Max. Marks:	50]
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1) / 2) 1	Ans Figu	etions to candidates: wer Q.1, Q.2, Q.3, Q.4, Q.5 OR Q.6, Q.7 OR Q.8 ares to the right indicate full marks. suitable data wherever required	
Q.1)	a)	Why Spiral model is called Meta model. Explain advantages and disadvantages of Spiral model.	[6]
	b)	Explain phases of RAD model with suitable diagram.	[6]
Q.2)	a)	Give difference between Traditional and Agile Software Development.	[6]
	b)	<b>OR</b> How development occurs in Agile?	[6]
Q.3)	a)	Explain User and System requirement with example <b>OR</b>	[6]
	b)	Explain Requirement Engineering Process	[6]
Q.4)	a)	Explain categories of CASE Tools in detail	[4]
	b)	<b>OR</b> Apply Risk Mitigation, Monitoring and Management for Staff Turnover example.	[4]
Q.5)	a) b) c)	Draw and explain Spiral Model of Software Testing Strategy. Explain Software Quality factors. Differentiate between Verification and Validation. <b>OR</b>	[6] [4] [4]
Q.6)	a) b) c)	Give difference between Quality Assurance and Quality Control. Explain Principles of Software Testing. Give difference between Alpha Testing and Beta Testing.	[6] [4] [4]

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Q.7) a) List different frameworks available for scaling of agile. Explain any one with suitable example.	[6]	
	4.1.0	
b) Explain collaborative development with example.	[4]	
c) Explain basic forms of scaling of agile.	[4]	
<ul> <li>Q.8) a) Explain briefly regarding technology evaluation in software engineering with example.</li> <li>b) List different global software development challenges.</li> <li>c) Differentiate between virtual &amp; distributed team.</li> </ul>		
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