DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Supplementary Winter Examination-2023

			120		
	Course: B. Tech. Bra	nch: Information Technology	Se	mester: V	
	Subject Code & Name: BTI	TC501 Software Engineering			
	Max Marks: 60	Date: 01/01/2024	Duration	: 3 Hr.	
	which the question is b 3. Use of non-programm	compulsory. expected answer as per OBE or the Control of the contr	e question.	ome (CO) on (Level/CO)	Marks
Q. 1	Solve Any Two of the follow	ring.			12
A)	Describe Practitioner's Myths myths.	s about Software and the true aspects	of these	CO 1	6
B)	Give the comparison between Prototyping and Spiral Models.		COI	6	
5 415	Describe Waterfall model wit failure.	h applications. Give certain reasons f	for its	CO 1	6
Q.2	Solve Any Two of the follow	ving.			12
A)	Explain the different types of			CO 2	6
6) 6 BY	Enlist the distinct tasks involve	ved in requirement engineering proce	SS.	CO 2	6
7	Explain any three tasks in det				
3) 2130	Draw a Use case Diagram for	Library Management System.		CO 2	6
Q. 3	Solve Any Two of the follow	ving.			12
1) A)	Explain Alpha and Beta testin			CO 2	6
В)	Find cyclomatic complexity of IF A > 10 THEN IF B > C THEN A = B ELSE A = C ENDIF ENDIF PRINT A PRINT B PRINT C			CO 2	6
3)0	What is Unit testing? Differe	ntiate between black box and white b	oox testing.	CO 2	6
Q.4	Solve Any Two of the follow	ving.			12
A)	Explain Constructive Cost M	odel in detail.		CO 3	6
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B)	Using COCOMO, Obtain effort estimation, duration estimation and person estimation for a Semi-detached mode of software project with 2000 lines of	CO 3	6
C)	code. Explain size oriented and function-oriented metrics with one example each.	CO 3	6
			12
Q. 5		CO 4	6
A)	Write a note on: RMMM	CO 4	6
B)	Explain the various steps involved in change and version control. Explain Software Quality assurance and Quality Control.	CO 4	6
5)	*** End ***		