PRN:		Course Code :	UCA402

Second Year **BCA** End Semester Examination Summer 2024

Software Testing & Quality Assurance

Day and Date: 24 MAY 2024, Friday Max Marks: **100**

Time : 2:00 to 5:00 pm Duration: **03** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Describe the Quality? Explain Core components of quality.	08	L2	CO1
	b)	List Problem solving techniques.	08	L1	CO1
		OR			
	b)	Define the financial aspect of quality.	08	L1	CO2
Q.2		**Attempt the following**			
	a)	Explain customer is king.	08	L3	CO1
	b)	List the processes related to software quality.	08	L2	CO2
		OR			
	b)	Discover Constraints of Software Product Quality Assessment.	08	L1	CO2
Q.3		**Attempt any two from the following**			
	a)	Explain the Requirement Traceability Matrix and its types.	08	L3	CO2
	b)	Summarize essentials of software testing.	08	L2	CO2
	c)	Describe testing during development life cycle.	08	L2	CO3
Q.4		**Attempt any two from the following**			
	a)	Write a short on structured approach of testing.	08	L3	CO3
	b)	List the skills required by tester.	08	L1	CO4
	c)	Describe testing throughout the software life cycle.	08	L1	CO4
Q.5		**Attempt any Two of the following**			
	a)	Prepare special value testing and worst case boundary value testing.	09	L2	CO3
	b)	Summarize guidelines for boundary value testing.	09	L2	CO4
	c)	Explain Traditional equivalence class testing and Edge testing.	09	L3	CO3
Q.6		**Attempt any Two of the following**			
	a)	Explain guidelines and observations of decision table based testing.	09	L2	CO4
	b)	Describe path testing.	09	L2	CO3
	c)	Examine data flow testing.	09	L4	CO4

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