PRN:		CourseCode:	CST 2703

Final Year **B.Tech** End SemesterExaminationWinter2023

Agile Software Development

Day and Date: Thursday, 30/11/2023 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)	Explain Agile software development Manifesto and Principles.	08	2	CO1
b)	Explain Extreme Programming with diagram.	08	2	CO1
	OR			
b)	Explain Lean Software Development method.	08	2	CO1
Q.2	**Attempt the following**			
a)	What is Scrum? Explain in detail.	08	1,2	CO2
b)	Explain Agile Estimation methods.	08	2	CO2
	OR			
b)	List and Explain various Roles in Scrum.	08	4	CO2
Q.3	**Attempt any two from the following**			
a)	List and explain characteristics and content of user stories	08	4	CO3
b)	Explain Single responsibility Principle.	08	5	CO3
c)	Explain Continuous Integration	08	5	CO3
Q.4	**Attempt any two from the following**			
a)	Explain Functional Testing	08	5	CO3
b)	Explain Integration Testing	08	2	CO3
c)	Explain User Acceptance Testing	08	4	CO3

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Q.5	**Attempt any Two of the following**				
	a)	Explain Testing Life cycle.	09	5	CO3
	b)	Discuss Testing Principle and Concrete practice	09	6	CO3
	c)	Explain tools to support Agile tester.	09	2	CO4
Q.6	**AttemptanyTwo of the following**				
	a)	Explain how to manage agile in Distributed Teams.	09	2	CO4
	b)	Discuss how do you mitigate Agile challenges?	09	6	CO4
	c)	Discuss, how to balance agility with Discipline?	09	6	CO4

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