PRN:		Course Code :	CST 405

Final Year **B. Tech** End Semester Examination Winter 2022

Agile Software Development

Day and Date: Wed , 14-12-2022 Max Marks: **100**

Time : 10:30 AM – 1:30 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 Programing 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 Open Closed Principle	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
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		**Attempt any Two 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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