PRN:		Course Code :	CST 2703

Final Year **B. Tech** End Semester Examination Summer 2024

Agile Software Development

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

Time : 10.30 am to 1.30 PM Duration: **03** hrs

Instructions: All questions are compulsory.

		Marks	Bloom's Level	CO
Q.1	Attempt the following			
	a) Define Agile software development. Write down Principles of Agile Manifesto.	08	1, 2	CO1
	b) Explain Lean Software Development method.	08	2	CO1
	OR			
	b) Differentiate between Agile Software Development and Waterfall model.	08	3	CO1
Q.2	**Attempt the following**			
	a) What is Planning game in Agile? Explain in detail .	08	1,2	CO2
	b) Explain Backlog Preparation and Refinement with Sprint Retrospective .	08	5	CO2
	OR			
	b) Explain Agile Estimation methods.	08	5	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	2	CO3
	b) Explain Unit Testing	08	2	CO3
	c) Explain Integration Testing	08	2	CO3
Q.5	**Attempt any Two of the following**			
	a) Explain Testing Life cycle	09	5	CO3
	b) Explain Testing Principle and Concrete practice	09	2	CO3
	c) Explain tools to support Agile tester.	09	5	CO4
Q.6	**Attempt any Two of the following**			
	a) Explain Agile rapid development technologies.	09	5	CO4
	b) Explain Market scenario and adoption of Agile.	09	5	CO4
	c) Relate various Roles in Scrum.	09	1	CO4

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