

PRAGATI ENGINEERING COLLEGE: SURAMPALEM
(AUTONOMOUS)
III B.Tech I Semester Supplementary Examinations, May -2024
AGILE SOFTWARE PROCESS
(IT)

Time: 3 hours

Max. Marks: 70

Answer ONE Question from each Unit
All Questions Carry Equal Marks

Q. No.	Questions	BTL	CO	Marks
UNIT – I				
1.	a) Discuss about the problems with waterfall model.	K2	CO1	7M
	b) Illustrate about Meeting the Requirements challenge iteratively?	K2	CO1	7M
OR				
2.	a) Explain the facts of change on software projects.	K2	CO1	7M
	b) What are the key reasons to adopt iterative and Agile development?	K2	CO1	7M
UNIT – II				
3.	a) Explain about Evolutionary Requirements Analysis.	K2	CO2	7M
	b) Discuss about Risk-Driven and Client-Driven Iterative planning.	K2	CO2	7M
OR				
4.	a) Illustrate about Incremental Delivery and Evolutionary Delivery.	K3	CO2	7M
	b) Explain about Specific Iterative Evolutionary methods.	K2	CO2	7M
UNIT – III				
5.	a) Explain Agile Manifesto and Principles.	K2	CO3	7M
	b) Discuss about agile testing.	K2	CO3	7M
OR				
6.	a) What are the Nine principles and six concrete practices for testing on agile teams?	K2	CO3	7M
	b) Differentiate between Principle-Based and Rule-Based.	K2	CO3	7M
UNIT – IV				
7.	a) Discuss about scrum life cycle.	K4	CO4	7M
	b) Explain about the adoption strategies.	K2	CO4	7M
OR				
8.	a) Discuss about various process mixtures.	K3	CO4	7M
	b) Explain the Roles and Practices of scrum.	K2	CO4	7M
UNIT – V				
9.	a) What are the responsibilities of Scrum Master and product owner?	K2	CO5	7M
	b) Explain the product backlog characteristics	K2	CO5	7M
OR				
10.	a) How teams are organized in Scrum process?	K2	CO5	7M
	b) Explain the conditions for self organization.	K4	CO5	7M