

Code: 19CS4701C

**IV B.Tech - I Semester – Regular Examinations - DECEMBER 2022**

**AGILE SOFTWARE DEVELOPMENT  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

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- Note: 1. This question paper contains two Parts A and B.  
 2. Part-A contains 5 short answer questions. Each Question carries 2 Marks.  
 3. Part-B contains 5 essay questions with an internal choice from each unit. Each question carries 12 marks.  
 4. All parts of Question paper must be answered in one place.

BL – Blooms Level

CO – Course Outcome

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**PART – A**

		BL	CO
1. a)	What is Agile ?	L1	CO1
1. b)	List out the core XP values that underlie the whole of XP.	L1	CO2
1. c)	Name the Common practices between Agile Modelling and Xtreme Programming.	L1	CO2
1. d)	What is the need for a feature centric approach?	L1	CO3
1. e)	Classify different hierarchical elements of the Unified Process.	L2	CO4

**PART – B**

			BL	CO	Max. Marks
<b>UNIT-I</b>					
2	a)	List and explain principles proposed by agile manifesto.	L2	CO1	6 M

	b)	What is the methodology adopted by DSDM to prioritize the requirements?	L1	CO1	6 M
<b>OR</b>					
3	a)	Explain scrum process with respect to Agile development methodology.	L2	CO1	6 M
	b)	Discuss how a feature Driven development approach works.	L2	CO1	6 M
<b>UNIT-II</b>					
4	a)	Illustrate the twelve best practices about Extreme Programming on a development project.	L3	CO2	6 M
	b)	Explain the structure of typical planning XP projects.	L2	CO2	6 M
<b>OR</b>					
5	a)	Summarize various XP oriented guidelines for what you should test.	L2	CO2	6 M
	b)	Explain pair programming work flow process with neat diagram.	L2	CO2	6 M
<b>UNIT-III</b>					
6	a)	Illustrate about Agile Modelling practices.	L3	CO2	6 M
	b)	Demonstrate the planning aspects of an XP project.	L3	CO2	6 M
<b>OR</b>					
7	a)	Relate Parallel practices between Agile Modelling and Xtreme Programming.	L3	CO2	6 M
	b)	Interpret about the XP implementation phase.	L3	CO2	6 M

<b>UNIT-IV</b>					
8	a)	Explain about Incremental model of software development with neat diagram.	L2	CO3	6 M
	b)	Infer the concepts of feature centric, time boxes and adaptive with respect to regain control of an iterative project.	L2	CO3	6 M
<b>OR</b>					
9	a)	Construct the overall project planning process of FDD with neat diagram.	L3	CO3	6 M
	b)	What is meant by architecture and why it is central to a successful iterative process?	L1	CO3	6 M
<b>UNIT-V</b>					
10	a)	Explain phases of Unified process with neat diagram.	L4	CO4	6 M
	b)	Summarize the concepts of Agile Methods and Prince2.	L2	CO4	6 M
<b>OR</b>					
11	a)	Distinguish the failed Project syndrome and Management intransigence in detail.	L4	CO4	6 M
	b)	Discriminate about Familiarity with Agility.	L4	CO4	6 M