

21CS641

Sixth Semester B.E. Degree Examination, June/July 2024 **Agile Technologies** 

Time: 3 hrs.

Max. Marks: 100

ce.	Note: Answer any FIVE full questions, choosing ONE full question from each module.			
3 blank pages. = 50, will be treated as malpractice.			Wadula 1	
malj	1	a.	Explain the importance of Organizational Technical and Personal success.	(10 Marks)
las		b.	What is Agile Methodology and how to be Agile?	(10 Marks)
atec			The second secon	(IO IVIAINS)
e tre			OR	
oage ill b	2	a.	Explain the principles behind the Agile Manifesto.	(10 Marks)
unk j		b.	What is the manifesto for Agile s/w development?	(05 Marks)
5 bla = 5(		C.	What are User stories?	(05 Marks)
On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Any revealing of identification, appeal to evaluator and /or equations written eg, $42+8=50$ , will be				
mai g, 42			Module-2	
ne re	3	a.	What is Extreme Programming and explain how it works?	(10 Marks)
on th		b.	Define the teams roles of diverse people present in the XP team.	(10 Marks)
nes c			OR	
s lir atio	4	a.	Define the following concepts used in the XP vocabulary : i) Refactoring	
cros	-	u.	ii) Technical debt iii) Iteration iv) Time boxing v) Velocity.	(10 Marks)
nal /or		b.	Explain Iteration Planning, Task Planning and Tracking.	(10 Marks)
iago and			The state of the s	(IO IVIAINS)
w d			Module-3	
dra	5	a.	Describe the following practices of XP to help mindful developers excel:	
orily to ev			i) Pair programming ii) Energized work.	(10 Marks)
oulsc eal		b.	Discuss the practices to help the team and its stakeholders collaborate effi-	ciently and
omp			effectively.	(10 Marks)
s, co				
swei			OR	
r ans	6	a.	When do you release the production ready – software and when do you say project – done".	
you fide		h	Explain the following terms used in XP:	(10 Marks)
ing o go		U.	i) Continuous integration ii) Test driven development.	(10 Marks)
plet			in rest driven development.	(10 Marks)
rev			Module-4	
On Any	7	a.	How to improve the process of developing project using XP practices?	(10 Marks)
		b.	Explain how to build effective relationships among people.	(05 Marks)
ote :		C.	Explain the values of Extreme programming.	(05 Marks)
Ž				
Important Note : 1. 2.			OR	-7
mpc	8	a.	Which practices of Extreme programming help to rely on people?	(10 Marks)
I		b.	How to eliminate waste in extreme programming?	(10 Marks)

Module-5

Prove the statement, "Only releasable code has a value" and explain how it can be (10 Marks) implemented using Agile practices.

How to deliver the business results frequently

(10 Marks)

Explain the Universal design principles (10 Marks) 10

Explain Design Trade – off and how to make great design.

(10 Marks)