Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: 2020-21 BTech	**School of Technology**	**Department: Computer Science**
Course Code: CST405	**Course Title: Agile Software Development**	**Semester :VII**
Day : Tuesday **Date : 22/12/2020**	**End Semester Examination**	**Time : 2Hrs.** **Max Marks : 50**

Instructions: 1) All Questions arecompulsory.
2) Assume appropriate agiletool.

		Marks	Bloom's Level	CO
Q.1	**Answer the following (any Two)**–			
a)	Explain agile manifesto in detail.	8	2	1
b)	Describe various roles in Agile process. How are these roles different from traditional roles?	8	2	2
c)	Illustrate with example how Agile helps to build quality product.	8	3	2
Q.2	**Answer the following (any two) –**			
a)	List various refactoring techniques and explain in detail how refactoring improves the product quality in agile development.	8	2	2
b)	Describe the need and usage of epic, user stories in agile development.	8	3	3
c)	Elaborate any two estimation techniques in agile.	8	3	3
Q.3	**Answer the following (any two) –**			
a)	Compare testing in agile and testing in waterfall model. Use suitable examples.	9	4	4
b)	Describe the agile testing quadrants, emphasize on different types of tests performed in various quadrants.	9	2	4
c)	Explain the role of SOLID principles, emphasize on the first two principles.	9	2	2

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