Sanjay Ghodawat University, Kolhapur

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

2020-21

EXM/P/09/00

Year and Program: S.Y.B.Tech	**School of Technology**	**Department: CSE**
Course Code: CST211	**Course Title: Software Engineering**	**Semester : III**
Day and Date: Monday,05.07.2021	**End Semester Examination**	**Time:2 Hrs. Max Marks:50**

Instructions: 1) All Questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Answer/Solve the following (any Two)**			
	a)	Explain waterfall model in detail with neat labeled diagram.	8	2	2
	b)	Explain characteristics of good software in detail.	8	2	1
	c)	Explain time boxing model with diagram.	8	2	2
Q.2		**Answer/Solve the following (any two)**			
	a)	What is requirement elicitation in software engineering? Explain elicitation techniques in detail.	8	1	3
	b)	What is agile methodology? Explain core agile concepts in detail.	8	2	4
	c)	Explain Scrum Methodology with suitable diagram.	8	2	4
Q.3		**Answer/Solve the following (any two)**			
	a)	Explain product backlog.	9	2	5
	b)	What is System testing? Categorize system testing strategies using suitable examples.	9	4	6
	c)	What is mutation testing & multiple condition coverage testing? Apply both on suitable examples.	9	3	6

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