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: SY	**School of Technology**	**Department:** CSE
Course Code: CST211	**Course Title:** Software Engineering	**Semester : III**
Day : Monday **Date :** 8th Feb 2021	**End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

Instructions: 1) All Questions are compulsory.

	Q.1 Answer the following (any Two)-	**Marks**	**Bloom's Level**	**CO**
a)	Describe software hazard and its significance in concerned of software engineering.	8	L1	CST211.1
b)	Explain in detail about software characteristics with examples.	8	L2	CST211.1
c)	Consider that you are team leader of a software development organization. A customer approached you for a software solution. The problems stated by the customer have uncertainties which lead to loss if it is not planned and solved. What software development model you will suggest for this project? Justify. Explain that model with a neat sketch along with its pros and cons.	8	L1	CST211.2
Q.2	Answer the following (any Two)-			
a)	Describe the various activities performed in requirement elicitation phase with an example of a watch system that facilitates to set time and alarm.	8	L2	CST211.3
b)	Explain in detail about Agile Manifesto values and its principles?	8	L2	CST211.4
c)	Explain in detail about Scrum Methodology?	8	L2	CST211.4
Q.3	Answer the following (any Two)-			
a)	Describe the need and usage of epic, user stories in agile development.	9	L2	CST211.5
b)	List out the steps to create a Sprint release plan and explain it.	9	L3	CST211.5
c)	Compare Black box testing and White box testing.	9	L4	CST211.6

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