Sanjay Ghodawat University, Kolhapur

2019-20
EXM/P/09/01

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

Year and Program:2019-20 | **School of Technology** | **Department of Computer Science & Engineering**

Course Code: CST211 | **Course Title: Software Engineering** | **Semester – III**

Day and Date Monday 25-11-2019 | **End Semester Examination (ESE)** | **Time:** 3 Hrs. **Max Marks: 100** 10.30 am to 1.30 pm

Instructions: 1) All questions are compulsory.
2) Assume suitable data wherever necessary.

		Marks	Bloom's Level	CO
Q.1	**Attempt the Following**			
	a) Describe Role of software in detail.	07	L2	CO1
	OR			
	a) Identify and explain different types of softwares.	07	L2	CO1
	b) Explain different developer's myths and users' myths of software.	08	L2	CO3
	OR			
	b) List and explain different characteristics of good software.	08	L2	CO3
Q.2	**Attempt the Following**			
	a) Draw and Explain waterfall model in detail.	08	L3	CO2
	OR			
	a) Define a software process? Draw and explain different components of it.	08	L3	CO2
	b) Write and explain CMM Model in detail.	07	L4	CO4
	OR			
	b) Discuss prototyping model in detail	07	L4	CO4
Q.3	**Attempt any Two**			
	a) How to do requirement elicitation in software engineering to gather requirements?	08	L3	CO1
	b) List and explain different terminologies used in Scrum methodology.	08	L1	CO3

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	c)	How to organize Software Requirement specifications document?	08	L_3	CO2
Q.4		**Attempt any Two**			
	a)	How to use Agile methodology in software development? Explain Four core values of Agile methodology.	09	L_3	CO5
	b)	Discuss Black box testing in detail.	09	L_3	CO5
	c)	Define software testing? Explain system testing in detail.	09	L_3	CO5
Q.5		**Attempt any Two**			
	a)	Draw and Explain sprint cycle in detail.	09	L_2	CO6
	b)	What is integration testing? Discuss different approaches of it.	09	L_2	CO6
	c)	List different Agile methodologies? Explain Extreme programming in detail.	09	L_3	CO5
Q.6		**Attempt any THREE**			
	a)	Explain white box testing in detail.	06	L_2	CO5
	b)	Demonstrate the working and roles of Small Agile Team.	06	L_2	CO5
	c)	Describe Unit Testing in detail.	06	L_2	CO6
	d)	Discuss importance of software testing in detail.	06	L3	CO6

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