

K. J. Somaiya College of Engineering, Mumbai-77

End Semester Exam

December 2020

Max. Marks: 30

Duration: 1 Hr. 15 Min. (For attempting questions) + 15 min. (uploading)

Class: TY

Name of the Course: Software Engineering

Course Code: 2UCC501

Semester: V

Branch: Computers

Instructions:

- (1) **All questions are compulsory**
- (2) **Draw neat diagrams**
- (3) **Assume suitable data if necessary**

Question No.		Max. Marks
Q.1(a)	You are required to develop “an Online Banking Solution” for ABC bank. Which Software Development Life Cycle Model you will use? Why?	05
	OR	
Q.1 (a)	Explain any tool used for tracking progress of a project in brief.	05
Q.1 (b)	What is the significance of various CMM levels of processes in an organization?	05
Q.2 (a)	<p>A software consultant is appointed to develop a solution for Online Food Order System. Following are the assumptions/ constraints:</p> <ul style="list-style-type: none">• A user can be a customer/ supplier/ delivery person• User can place order after seeing menu• User will be able to see only suppliers within 5 Km radius• Supplier will be able to get special instructions from the user regarding food, food delivery• The payment could be cash on delivery, Paytm or online banking <p>Mention ANY ADDITIONAL assumptions you have made, which are NOT contradicting to the above mentioned, clearly BEFORE drawing the diagrams</p> <p>a) Draw Use case diagram</p> <p>b) Draw Collaboration diagram</p>	10
	OR	
Q.2 (a)	Design a user interface for Online Banking Software. (Show at least TWO web pages layout). Justify which of the User Interface Design rules are followed in your lay out.	10

Q.3(a)	Write a note on Version Control and Change Control.	10
	OR	
Q.3 (a)	Write a note on Formal Technical Review (FTR).	10