



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

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CONTINUOUS ASSESSMENT TEST - I

Program : B.E

Max.Marks : 30

Course : Software Engineering

Time : 1 Hour

Course code : SCS1305

Sem : V

Batch :2018-2022

Date :24/09/2020

Part-A Answer ALL the questions (5×2=10)

Q.No	Questions	CO (L)
1.	List two deficiencies in waterfall model. Which process model do you suggest to overcome each deficiency	1(1)
2.	Differentiate verification and validation. Give an example	1(4)
3.	Construct neatly Software Development Life Cycle process	1(3)
4.	Classify the following as functional /non-functional requirements for a banking system (a)Verifying bank balance (b) Withdrawing money from bank (c)Completion of transactions in less than one second. (d)Extending the system by providing more tellers for the customers	2(4)
5.	Define feasibility study. And list the types.	2(1)

Part-B Answer ALL the questions (2×10=20)

Q.No	Questions	CO (L)
6.	Generalize about system engineering hierarchy with suitable diagram and give an overview of the Business process Engineering with a diagram.	1(2)
	(OR)	
7.	Illustrate waterfall model for banking applications. Explain with neat diagram.	1(5)

8.	Briefly describe the various activities performed in requirements elicitation with an example of a watch system that facilitates to set time and alarm.	2(1)
	(OR)	
9.	Prepare software requirement specification for “Library Management System”.	2(6)