SNIST

Sreenidhi Institute of Science and Technology

(An Autonomous Institution)

Code No: 7F404   **Date: 07-Sept-2021(FN)**

B.Tech II-Year II- Semester External Examination, Aug/Sept-2021 (Regular)
SOFTWARE ENGINEERING AND OOAD (CSE and IT)

Time: 3 Hours   **Max.Marks:70**

> **Note:** a) *No additional answer sheets will be provided.*
> b) *All sub-parts of a question must be answered at one place only, otherwise it will not be valued.*
> c) *Missing data can be assumed suitably.*

ANSWER ANY 5 OUT OF 8 QUESTIONS. EACH QUESTION CARRIES 14 MARKS.

Bloom's Cognitive Levels of Learning (BCLL)

Remember	L1	Apply	L3	Evaluate	L5
Understand	L2	Analyze	L4	Create	L6

			BCLL	CO(s)	Marks
1.	a)	Explain CMMI levels .	L1	CO1	[7M]
	b)	Discuss in detail about software myths.	L1	CO1	[7M]
2.	a)	Explain different types of things in UML.	L1	CO2	[7M]
	b)	Write about SDLC with a neat diagram.	L1	CO2	[7M]
3.	a)	Explain waterfall model with a neat diagram.	L2	CO3	[7M]
	b)	Illustrate software requirement document.	L2	CO3	[7M]
4.	a)	Illustrate common modeling techniques of class diagram with an example.	L2	CO4	[7M]
	b)	Explain in detail about forward and reverse engineering.	L1	CO4	[7M]
5.	a)	Illustrate use case diagram with an example.	L3	CO5	[7M]
	b)	Illustrate collaboration diagram with an example.	L3	CO5	[7M]
6.	a)	Illustrate component diagram with an example .	L3	CO6	[7M]
	b)	Write a case study on Unified Library Application.	L6	CO6	[7M]
7.	a)	Write about Evolving role of software.	L1	CO1	[5M]
	b)	Define UML. What is the purpose of UML?	L1	CO2	[5M]
	c)	Discuss Incremental model.	L2	CO3	[4M]
8.	a)	Define the following with an example i) Advanced class ii) Advanced relationship iii) Interface	L1	CO4	[2+2+1 M]
	b)	Illustrate activity diagram with an example.	L3	CO5	[5M]
	c)	Explain in brief about deployment.	L1	CO6	[4M]

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