

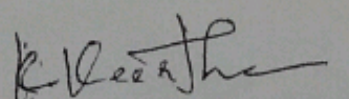
		Register Number		2	1	C	8	R	0	1	4
<b>VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY</b>											
(An Autonomous Institution, Affiliated to Anna University, Chennai)											
Continuous Assessment Test - I					QP Set		2		Regulations-2020		
Programme	B.E- CSE		Semester:	4	Max. Marks:	60		Duration	2.0 Hrs		
Course Code & Title:		18CSC41&Object Oriented Analysis and Design									
Class:21CS4A&B		Date: 16.03.2023				Time: 10.30 am – 12.30 pm					
Knowledge Levels (KL)	K1 – Remembering			K3 – Applying			K5 – Evaluating				
	K2 - Understanding			K4 – Analysing			K6 – Creating				

**Part A – 12x2 = 24 Marks**

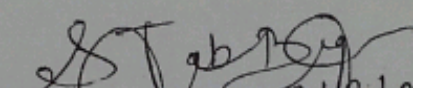
1.	Define Polymorphism with an example.	CO1	K1
2.	What is class model and state model?	CO1	K1
3.	List the ways where UML can be applied?	CO1	K2
4.	List the areas where OO techniques are highly used?	CO1	K2
5.	What are the major components in Deployment diagram?	CO1	K2
6.	How to name an Association in UML?	CO2	K1
7.	Why Should We Avoid Adding Many Associations?	CO2	K2
8.	What is Elaboration?	CO2	K1
9.	What are the elements not suitable in a domain model?	CO2	K2
10.	What are the guidelines for adding description classes?	CO2	K2
11.	What is communication diagram?	CO3	K1
12.	What is frames and where it is used?	CO3	K1

**Part B – 3x12 = 36 Marks**

No.	Question	Marks	CO	KL
13.	(a) (i) Discuss in detail about OO Methodologies.	8	CO1	K2
	(ii) Explain about OO Modeling	4	CO1	K2
	OR			
(b)	Explain various types of UML diagrams with example.	12	CO1	K2
14.	(a) (i) Describe the steps to create a domain model used for representing conceptual classes.	6	CO2	K2
	(ii) Explain attributes in domain model for the NextGen POS System.	6	CO2	K3
	OR			
(b)	Explain in detail about Domain Model Refinement.	12	CO2	K2
15.	(a) Explain in detail about System Sequence Diagrams	12	CO3	K2
	OR			
(b)	Illustrate with an example, the relationship between sequence diagram and use cases.	12	CO3	K2

  
FACULTY INCHARGE

Approved

  
HOD/CSE 9/3/22