Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Supplementary Examinations February-2022
OBJECT ORIENTED ANALYSIS AND DESIGN
(Common to CSE & CSIT)

Time: 3 hours   Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

1	a	Explain the Modeling system architecture of UML?	6M
	b	Explain object-oriented modeling	6M

OR

2	Define a model. Explain the (i)importance (ii)principles of modeling.	12M

UNIT-II

3	a	Explain Modeling the Distribution of Responsibilities in a System	6M
	b	Identify the importance of interfaces and their roles.	6M

OR

4	a	What is Modeling in new semantics?	6M
	b	Explain the Modeling New Building Blocks.	6M

UNIT-III

5	a	Explain in details of activity diagram.	8M
	b	Distinguish sequence and collaboration diagram.	4M

OR

6	a	Explain Roles, links, messages, actions, and sequences of interactions.	8M
	b	Build the Modeling flows of control.	4M

UNIT-IV

7	a	What are States, transitions, and activities?	6M
	b	Explain the Advanced States and Transitions.	6M

OR

8	a	List the Common modeling techniques for processes and threads	6M
	b	Explain the common modeling techniques for state chart diagrams	6M

UNIT-V

9	a	Design a Deployment Diagram for College Management System	6M
	b	Explain the importance of Component diagrams.	6M

OR

10	Explain the unified library application in detail.	12M

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