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School of Engineering
First Sessional Examination, Odd Semester (AS: 2021-22)

B. Tech: CSE Year:2ND	Semester:3rd
Course Title: OOAD Course Code: BCS 3302	Max Marks: 30 Time: 1hrs

Instructions if any:

	SECTION 'A' Q.N.1. Attempt all parts of the following:	Course Objective	Marks
a)	What do you mean by metadata?	CO1	1
b)	Explain the term class in brief.	CO3	1
c)	- - - - -> What does this notation mean in UML?	CO1	1
d)	Explain generalization with example.	CO1	1
e)	What is multiplicity?	CO2	1
	SECTION 'B' **Q.N.2. Attempt any two parts of the following:**	**Course Objective**	**Marks**
a)	Why do we need model and explain its importance.	CO2	7.5
b)	What do you mean by Things? Also explain types of Things.	CO2	7.5
c)	Explain architecture of UML.	CO2	7.5
d)	What do you mean by Relationship? Also explain types of Relationship.	CO2	7.5
	SECTION 'C' **Q.N.3. Attempt any one parts of the following:**	**Course Objective**	**Marks**
a)	Write a short note on Object Oriented Software Life Cycle.	CO2	10
b)	What is Advanced class? Explain the concept of visibility, scope, attributes and operation.	CO3	10
c)	Explain the conceptual model of UML.	CO3	

Table 1: Mapping between COs and questions
(Number of COs may vary from course to course)

COs	Questions Numbers	Total Marks
CO1	1(a,c,d),	3
CO2	1(e),2(a,b,c,d),3(a)	41
CO3	1(b),3(b,c)	21