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Enroll No.....

CS-102

M.Tech.(CSE)–I Sem (Reg./Ex.)

Examination, March.-2021

Object Oriented Technology and UML

Time: Three Hours

Maximum Marks:70

- Q.5 What are distributed object systems?
- Q.6 (a) Differentiate between COM and CORBA?
(b) How can you define a class and create objects in C++? Describe with example?
- Q.7 (a) Compare 2-tier client-server architecture with 3-tier architecture?
(b) Explain the concept of encapsulation with proper example?
- Q.8 Write short notes on any three of the following :
- (a) Reusability and its advantages
 - (b) CORBA architecture
 - (c) Program design patterns
 - (d) Architecture of Object Oriented Database

Note: Attempt any five questions. (Each question carries equal marks)

- Q.1 What is class & object? Describe the concept of Aggregation and Generalization by giving suitable example.?
- Q.2 Why sometimes it is better to model an association as a class? Support your answer with proper example. Also describe the aggregation relations up. In what situation it should be used in construction of object models?
- Q.3 What the merits and demerits are of object oriented approach? What do you understand by multiple inheritance? Describe with suitable example.
- Q.4 Differentiate between the following:
(1) CORBA and EYB
(2) AGGREGATION AND ASSOCIATION