

Roll No

MCIT-103
M.E./M.Tech., I Semester
Examination, June 2016
Object Oriented Technology

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) What do you mean by object oriented? Discuss the four characteristics included in object oriented approach. 7
b) Explain the implementation of an ADT as object class with the help of an example. 7
2. a) Why reusability is important? How does object oriented software development promote reusability? 7
b) Draw and explain the DMT dap flow diagram of the ATM system. 7
3. a) How stereotype pictures used in deployment diagram? What is the UML profile for CORBA. 7
b) Why and how framework is important in architectural modeling? 7

4. a) Define the need of structural modeling? Which are the different diagrams are used to structure the system in UML 7
b) Explain briefly : 7
i) COM/DCOM
ii) Sequence diagrams
5. a) Define various kinds of class relationship in UML. Also give rotations for them. 7
b) What is meant by object diagram? Discuss its significance in modeling a software project. 7
6. a) Give a brief rote on distributed object computing? 7
b) Why interaction model is more important for application analysis? Briefly explain the steps for preparing 'application interaction model'? 7
7. a) Explain object oriented database system data model? 7
b) Describe the object oriented system development with use case driven approach. Illustrate with neat sketch. 7
8. Write short note : 14
a) Behavioral modeling
b) Object relational system
c) Association
d) Generalization
