

Roll No

MCSE/MSE - 104
M.E./M.Tech., I Semester
Examination, June 2016
Object Oriented Technology

Time : Three Hours

Maximum Marks : 70

Note: Attempt any five questions. All questions carry equal marks.

1. a) Explain objects oriented methodology in brief. 7
b) Explain different models and relationship between them used in Object Modeling Technique (OMT) with proper examples and diagram. 7
2. a) Explain Aggregation and its types with suitable example. 7
b) Explain links and association with suitable example. 7
3. a) Prepare an object diagram for an ATM system. 7
b) Write scenario for a telephone system. (phone call) 7
4. a) Write basic concepts of object oriented programming. 7
b) Explain control structure with suitable example. 7

5. a) What is an inheritance? Write different types of inheritance with syntax. 7
b) What is virtual function? Write a program in C++ which demonstrate virtual function. 7
6. a) Explain object oriented databases. What is difference between relational v/s object oriented databases? 7
b) Draw architecture of object oriented databases and explain in brief. 7
7. What is distributed object oriented system? Also explain object management group in detail. 14
8. Write short notes on: 3.5×4=14
 - a) CORBA
 - b) System design life cycle
 - c) Looping
 - d) Function over loading
