Roll No ....

IT - 701
B.E. VII Semester
Examination, December 2014
Object Oriented Analysis & Design

Time : Three Hours

Maximum Marks : 70

Note: Attempt any five questions one question from each unit. Each question carry equal marks.

Unit - I

1. a) Explain the concept of super class and subclass hierarchy with an example.   7
   b) Compare and constant dynamic binding with static binding inheritance.   7

OR

2. Explain the differences in developing a payroll system with respect to structured approach and object- oriented approach.   14

Unit - II

3. a) How do you develop an object oriented system development life cycle? Briefly discuss all the phases related to object oriented approach with an example.   10
   b) A method implements the behaviour of an object justify.   4

OR

4. a) Describe in detail the different view in booth methodology. Compare with the models in OMT technology.   7
   b) Draw the OMT data flow diagram of the ATM system.   7

Unit - III

5. Describe the object oriented system development with use case driven approach. Illustrate with neat sketch.   14

OR

6. a) Why reusability is important? How does object oriented software development promote reusability?   7
   b) Discuss the advantage and disadvantage of waterfall model.   7

Unit - IV

7. Explain the object oriented design process. Design the class diagram for Airline reservation system.   14

OR

8. Write short notes on   14
   i) Documentation
   ii) comparison of object oriented language

Unit - V

9. Draw use case diagrams, class diagrams and sequence diagrams for an inventory system.   14

OR

10. Explain the analysis and design of a banking system with suitable diagram.   14

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