

Seat No.	
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T.E. (Information Technology) (Revised) (Part - III)
(Semester - V) Examination, November - 2017
OBJECT ORIENTED MODELING AND DESIGN
Sub. Code : 66304

Day and Date : Wednesday, 22 - 11 - 2017

Total Marks : 100

Time : 10.00 a.m. to 01.00 p.m.

- Instructions :
- 1) All questions are compulsory.
 - 2) Figures to the right indicate full marks.
 - 3) Assume suitable data wherever necessary.

Q1) Attempt any two questions.

- a) What is Object Orientated development? Explain different stages in Object Oriented Methodology. [8]
- b) Explain Abstract Class in detail? How to avoid Concrete Super class. [8]
- c) Explain Activity Model with example. [8]

Q2) Attempt any two questions.

- a) Define Association? Explain Qualified Associations in detail. [8]
- b) Explain Multiple Inheritances in detail. [8]
- c) Explain Include, Extend relationship and Use Case Generalization with neat diagram. [8]

Q3) Attempt any two questions.

- a) Explain Generalization with diagram. [8]
- b) Draw a state diagram for ATM Machine. [8]
- c) Explain Nested States with suitable diagrams. [8]

Q4) Attempt any two questions.

- a) Describe overview of analysis with neat diagram. [10]
- b) Explain steps in designing interactive interface. [10]
- c) Explain refactoring with example. [10]

Q5) Attempt any two questions.

- a) Draw ATM class model with attributes and inheritance. [8]
- b) What are the good qualities of libraries? [8]
- c) Explain different ways of information hiding? [8]

Q6) Attempt any two questions.

- a) Explain domain interaction model using suitable example. [8]
- b) Explain steps to use to design dynamic simulation? [8]
- c) Describe batch transformation is details. [8]

