

Seat No.	
-------------	--

T.E. (Computer Science and Engineering) (Part-III)
(Semester-V) (Revised) Examination, May - 2017
OBJECT ORIENTED MODELING AND DESIGN (Theory)
Sub. Code : 66295

Day and Date : Wednesday, 17-05-2017
Time : 9.00 a.m. to 11.00 a.m.

Total Marks : 50

- Instructions :
- 1) All the Questions are compulsory, provided internal options in each question.
 - 2) Figures to the right indicate full marks.

Q1) Attempt any two questions out of three. **[2×7=14]**

- a) Explain advanced link and association concepts.
- b) Explain scenario and event trace diagram. Draw event trace diagram for phone call.
- c) Explain breaking a system into subsystem with respect to system design.

Q2) Attempt any two questions out of three. **[2×6=12]**

- a) What is model? Explain the purpose of modeling.
- b) Explain data flow diagram with example.
- c) List and explain the steps involved in designing algorithms.

Q3) Attempt any two questions out of three. **[2×6=12]**

- a) Explain adornments that apply to associations.
- b) Explain interaction diagram, its contents and common uses.
- c) Write note on-deployment diagrams.

Q4) Attempt any two questions out of three. **[2×6=12]**

- a) Explain different UML diagrams with their purpose.
- b) What is use case diagram? Draw use case diagram for credit card validation system.
- c) Explain types of components and standard stereotypes that apply to components.

