

Seat No.	
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T.E. (C.S.E.) (Part-III) (Semester - V) (Revised)

Examination, April - 2018

OBJECT ORIENTED MODELING AND DESIGN

Sub. Code : 66295

Day and Date : Thursday, 26 - 04 - 2018

Total Marks : 50

Time : 09.30 a.m. to 11.30 a.m.

- 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 link and association concepts. **[7]**
- b) Explain following terms with respect to dynamic modeling. **[7]**
 - i) State generalization
 - ii) Conditions
- c) Explain phases of OMT Methodology. **[7]**

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

- a) Explain how operation in aggregation gets propagated. **[6]**
- b) Explain functional model with example. **[6]**
- c) Explain the actions taken by algorithm designer while designing algorithms. **[6]**

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

- a) Explain the conceptual model of UML in brief. **[6]**
- b) Draw use case diagram for credit card validation system. **[6]**
- c) Explain patterns and frameworks. **(6)**

P.T.O.

Q4) Attempt **any two** questions out of **three**:

- a) Explain following terms with respect to UML [6]
- i) Generalization
 - ii) Aggregation
 - iii) Multiplicity
- b) Draw and explain state chart diagram for ATM. [6]
- c) Write note on - component diagrams. [6]

