

SE - 202

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Seat No.	
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T.E. (Computer Science and Engineering)
(Semester - V) (Revised) Examination, November - 2018
OBJECT ORIENTED MODELING AND DESIGN

Sub. Code : 66295

Day and Date : Monday, 26 - 11 - 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 three models of OMT.
- b) Explain different components of data flow diagram.
- c) Explain following terms with respect to system design
 - i) Layers
 - ii) Partitions

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

- a) Explain following terms with respect to object modeling
 - i) Operations and methods
 - ii) Multiplicity
- b) Explain nested state diagrams.
- c) Explain the impacts of an object oriented approach.

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

- a) Explain structural things in UML.
- b) Explain activity diagram with example.
- c) What is component? Explain types of components.

P.T.O.

Q4) Attempt any two questions out of three.

[2 × 6 = 12]

- a) Explain different behavioral diagrams with their purpose.
- b) Explain following terms with respect to sequence diagram
 - i) Object lifeline
 - ii) Focus of control
- c) Explain the following terms with respect to architectural modeling
 - i) Node
 - ii) Collaboration
 - iii) Pattern

