

SF-229

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

Day and Date : Tuesday, 14-11-2017
Time : 9.30 a.m. to 11.30 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.

[7 × 2 = 14]

- a) Explain OMT models in detail.
- b) Explain the following terms
 - i) State generalization
 - ii) Control Flows
- c) Write note on - Design associations

Q2) Attempt any two questions out of three.

[6 × 2 = 12]

- a) Explain the following terms.
 - i) Generalization
 - ii) Class Descriptors
- b) Draw and explain Event trace diagram for ATM Scenario.
- c) Explain the impacts of Object Oriented Approach.

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Q3) Attempt any two questions out of three.

[6 × 2 = 12]

- a) Explain Structural things of UML.
- b) Explain kinds of events with respect to behavioural modeling.
- c) Explain deployment diagram, its contents and uses.

Q4) Attempt any two questions out of three.

[6 × 2 = 12]

- a) Explain class diagram, its properties, contents and common uses.
- b) Explain following terms with respect to activity diagram.
 - i) Action states
 - ii) Transitions
 - iii) Branching
- c) Write a note on - frameworks.

