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06CS71

Seventh Semester B.E. Degree Examination, June/July 2011 Object Oriented Modeling and Design

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions, selecting at least TWO questions from each part.

PART - A

		<u>PARI – A</u>				
1	a. b.	What is OO development? Explain OO methodology and what are OO themes? What is modeling concept? Explain. Write class model of windowing system.	(10 Marks) (10 Marks)			
2	a. b.	Explain associations and aggregation, with examples. Explain state diagram and write state model for telephone line, with activities.	(10 Marks) (10 Marks)			
3	a. b.	Explain nested states and nested state diagrams, with example. Explain use case and sequence model, with example.	(10 Marks) (10 Marks)			
4	a. b.	Explain process overview and system conception. Describe domain analysis, with an example of ATM.	(10 Marks) (10 Marks)			
PART – B						
5	a. b.	Describe application analysis, with an example of ATM. What is system design? What are the steps of a system design? Explain in detail.	(10 Marks) (10 Marks)			
6	a.	Explain class design. What are the steps of class design? Explain with an example				
	b.	Explain implementation modeling in detail.	(10 Marks) (10 Marks)			
7	a. b.	Explain communication patterns. Explain management patterns.	(10 Marks) (10 Marks)			
8	a. b. c. d.	Write a note on: Unified Modeling Language (UML). Procedural sequence models. Legacy systems. Idioms.	(20 Marks)			

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