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	PART - A	5 × 5 Martin - 25
1	What are aviatial as of modeline? Franksin	5×5 Marks = 25
1.a) b)	What are principles of modeling? Explain.	[5]
	Explain about modeling simple collaborations.	[5]
c)	Discuss about modeling an operation.	[5]
d)	Write terms and concepts of events and signals.	[5]
e)	How to model architectural patterns? Explain.	[5]
	PART - B	
		5 × 10 Marks = 50
2.a)	Give an overview of UML.	
b)	Explain about extensibility mechanisms in the UML.	[5+5]
	OR OR	
3.a)	Discuss in detail about software development life cycle.	
b)	What are common mechanisms in the UML? Explain.	[5+5]
4.a)	Discuss about modeling groups of elements.	
b)	Explain terms and concepts of diagrams.	[5+5]
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5.a)	Describe advanced concepts association and generalization.	
b)	Explain about modeling object structures.	[5+5]
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6.	Discuss about terms and concepts of interactions.	[10]
	OR	
7.a)	Explain about modeling requirements of a system.	
b)	Discuss about modeling flows of control by time ordering.	[5+5]
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8.a)	Explain about modeling multiple flows of control.	
b)	Discuss about modeling an executable release.	[5+5]
	OR	[]
9.a)	Explain about modeling the distribution of components.	
b)	Describe modeling an embedded system.	[5+5]
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10.	Draw the following diagrams for unified library application:	
	a) Use case diagrams b) Interaction diagrams	[5+5]
	OR	(· ·)
11.	Explain in detail about artifact diagrams with examples.	[10]
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MCA III Semester Examinations, August - 2017 OBJECT ORIENTED ANALYSIS AND DESIGN USING UML

Time: 3hrs

Code No: 823AB

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Note: This question paper contains two parts A and B. Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

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