Code No: MC1641/R16

MCA IV Semester Regular/ Supplementary Examinations, April-2019
OBJECT ORIENTED ANALYSIS AND DESIGN

Time: 3 Hours   **Max. Marks: 60**

Answer Any **FIVE** *Questions*
All Questions Carry Equal Marks

1.	a	What is UML? Where can the UML to be used?	6M
	b	Explain about the UML architecture	6M
2.	a	Explain about generalization with an example.	6M
	b	Discuss with an example about modeling Structured Relationships	6M
3.	a	List and explain the differences between Collaboration and Sequence diagram with example	6M
	b	Explain Polymorphism and iterated messages in the case of Collaboration diagrams?	6M
4.	a	Discuss about the State chart diagrams with example in detailed.	6M
	b	Draw a Use case diagram that depicts the context of a Credit card validation system. Explain briefly.	6M
5.	a	Explain about Deployment diagram with an example.	6M
	b	What are the differences between Components and Classes? How are Component and Interface related?	6M
6.	a	What are Principles of Modeling? Explain	6M
	b	Write short note on	6M
		i. Encapsulation	
		ii. Information Hiding	
		iii. Polymorphism,	
7.	a	What is Object? Mention common uses of Objects.	6M
	b	Discuss in detail Packages and Instances.	6M
8.	a	Explain common modeling techniques of Sequence diagram.	6M
	b	Compose the Activity diagram for Library application	6M

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