SUBJECT CODE NO:- P-120
FACULTY OF ENGINEERING AND TECHNOLOGY
B.E.(CSE) Examination May/June 2017
Visual Modeling
(Revised)

[Time: Three Hours]   **[Max.Marks:80]**

Please check whether you have got the right question paper.
N.B
        i) Q.No.1 and Q.No.6 are compulsory
        ii) Attempt any two questions from the remaining questions in each section
        iii) Assume suitable data wherever necessary.

Section A

Q.1	Solve any two	10
	a) Explain CRC cards	
	b) Explain complexity of software	
	c) Explain component diagram	
Q.2	a) Explain the UML approach to software architecture	07
	b) Difference between analysis and design	08
Q.3	a) Explain steps to find actor in use case diagram.	07
	b) Explain the notations, features and importance of class diagram	08
Q.4	a) Write guidelines for creating activity diagram	07
	b) Explain the notations, features and importance of deployment diagram	08
Q.5	a) Draw and explain sequence diagram for courseware management system	08
	b) Draw and explain communication diagram for library management system	07

Section-B

Q.6	Solve any two	10
	a) Explain creational design pattern.	
	b) Explain how design patterns help in redesign	
	c) Explain MVC	
Q.7	a) How to use a design pattern?	07
	b) How do we describe design pattern?	08
Q.8	a) Explain organizing the catalog	08
	b) Describe prototype design patter?	07
Q.9	a) Describe adapter design pattern	07
	b) Explain document editor using strategy design pattern	08
Q.10	a) Explain applicability and structure of command design pattern	08
	b) Explain consequences and implementation of observer design pattern	07

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