SUBJECT CODE:- 352
FACULTY OF ENGINEERING AND TECHNOLOGY
B.E.(CSE) Examination Nov/Dec 2015
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 of each section.
     iii) Assume suitable data wherever necessary.

Section A

Q.1   Solve any two.   10
      a)   Explain real time design method
      b)   Difference between analysis and design
      c)   Explain CRC cards

Q.2   a)   What is the UML approach to software development life cycle? Explain the various phases.   07
      b)   Compare algorithmic and 00 decomposition   08

Q.3   a)   Define functional modeling? Explain in detail using ATM system as example   07
      b)   Enumerate the steps to forward engineering and reverse engineering a class diagram   08

Q.4   a)   Explain the importance and features of interaction diagram   07
      b)   Explain the notations, features and importance of deployment diagram   08

Q.5   a)   Draw and explain activity diagram for library management system.   07
      b)   Draw and explain collaboration diagram for courseware management system   08

Section – B

Q.6 Solve any two   10
      a)   Explain spelling checking and hyphenation in document editor.
      b)   How to use a design pattern?
      c)   Explain design pattern in small tack MVC

Q.7   a)   Explain design aspects that design pattern let you vary   07
      b)   Explain proto type design pattern with suitable example.   08

Q.8   a)   Explain command design pattern using document editor as example.   07
      b)   Explain consequences and implementation of observer design pattern   08

Q.9   a)   Explain strategy design pattern in detail.   07
      b)   Explain adaptor design pattern using drawing editor as example.   08

Q.10 a)   Explain problem's in Lexi design   07
      b)   Explain use of structural design pattern   08

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