

Total No. of Questions : 12]

P1455

May - June 2012

SEAT No. :

[Total No. of Pages : 3

[4164] - 697

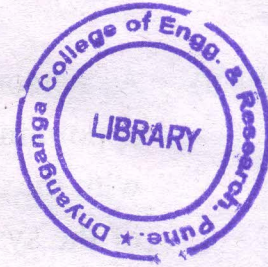
B.E. (Computer Engineering)
OBJECT ORIENTED MODELING & DESIGN
(2008 Pattern) (Sem. - I)

Time : 3 Hours]

[Max. Marks :100

Instructions to the candidates:

- 1) Answer 3 questions from Section - I and 3 questions from Section - II.
- 2) Answers to the two sections should be written in separate answer books.
- 3) Neat diagrams must be drawn wherever necessary.
- 4) Figures to the right indicate full marks.
- 5) Assume suitable data, if necessary.



SECTION - I

- Q1) a)** Explain the 4+1 view architecture with corresponding UML diagrams associated with each view. [8]
- b)** Define the following UML concepts with an example. [8]
- | | |
|------------------------|--------------------|
| i) Constraints. | ii) Association. |
| iii) Behavioral thing. | iv) Collaboration. |

OR

- Q2) a)** What do you mean by MDA? How UML supports the concept of MDA? [6]
- b)** Give the OCL expression syntax with an example. [6]
- c)** What is the importance of modeling in software development? [4]
- Q3) a)** Explain the requirements metamodel with a neat diagram. [6]
- b)** Write the specification of the scenario 'searching a book' with alternate flows, in the library management system, using the usecase template. [6]
- c)** How do you model an exception in an activity diagram? [4]

OR

P.T.O.

