



SX-7814

Seat No. _____

M. C. A. – III Examination
April / May – 2006
Object Oriented Ang. & Design
(New Course)

Time : Hours]

[Total Marks : **75**

- 1** Attempt any **three** : **15**
- (a) Explain links and associations with example.
 - (b) Explain aggregation.
 - (c) Explain multiple inheritance.
 - (d) Explain common architectural framework.
- 2** Attempt any **two** : **20**
- (a) Draw and explain state diagram for phone line.
 - (b) Explain object modelling with proper example.
 - (c) Explain dynamic modelling with proper example.
- 3** Write down the characteristics of OOP. **10**
- 4** Write down the programs to implement the following concepts : (any **three**) **30**
- (a) Function overloading
 - (b) Member function overloading
 - (c) To convert object of one class to object of another class
 - (d) Multiple inheritance.
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[300]