

Code No.: 4007/N

FACULTY OF INFORMATICS**M.C.A. I Year I Semester (Supplementary) Examination, December 2010
(New)****PRINCIPLES OF OBJECT ORIENTED PROGRAMMING.**

Time : 3 Hours]

[Max. Marks : 80

*Answer **one** question from each unit.**All questions carry equal marks.***Unit-I**

1. Describe about following keywords :

(a) Final (b) Static (c) Super (d) this.

(4+4+4+4)

Or

2. (a) What is method over riding? Explain it with good example.

(8)

(b) What is an interface? Explain it with example.

(8)

Unit-II

3. (a) What is an exception? Describe exception handling.

(8)

(b) What are different types of I/O streams? Write a program to accept number from keyboard display the factorial of that number of result. (8)

Or

4. (a) What is a thread? Explain thread creation with an example.

(8)

(b) Write an example program to read text from keyboard and write to a file and monitor. (8)

Unit-III

5. (a) What is importance of java.util package and explain about : (i) maps

(ii) arrays.

(6+6)

(b) Explain about Hashset class.

(4)

Or

[P.T.O.]

- Or