

Code No.: 4117/O

**FACULTY OF INFORMATICS**

**M.C.A. I Year (II Semester) Examination, December 2010**

**(Old)**

**OBJECT ORIENTED PROGRAMMING USING JAVA**

Time : 3 Hours]

**VASAVI LIBRARY** [Max. Marks : 80

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

**UNIT – I**

1. Explain the concept of inheritance and give example on each type.

Or

2. (a) Explain the concept of package with a good example.  
(b) List out benefits of object oriented development.

**UNIT – II**

3. Explain different types of exception with examples.

Or

4. What is multithreading? Explain different states in which a thread exists.

**UNIT – III**

5. Explain about legacy classes and interfaces with examples.

Or

6. Explain methods in detail with examples:
  - (i) Date
  - (ii) Calender

**UNIT – IV**

7. Explain the stream and byte classes with examples.

Or

8. Explain all details of serialization? Explain all interfaces and classes that support serialization.

[P.T.O.]

**UNIT – V**

9. Explain applet class with its Architecture with an example.

Or

10. Explain: (a) Event listener interface

(b) Customizing frame windows.

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