**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086**
**(For candidates admitted during the academic year 2009-10 & thereafter)**

**SUBJECT CODE : CS/PC/OP24**

**M. Sc. DEGREE EXAMINATION, APRIL 2011**
**INFORMATION TECHNOLOGY**
**SECOND SEMESTER**

**COURSE    :    CORE**
**PAPER      :    OBJECT ORIENTED PROGRAMMING-I**
**TIME        :    1½ HOURS                                        MAX. MARKS:  50**

**Section-A**
**Answer all the questions:**                                        **5 x 2 = 10**

1. Explain garbage collection?

2. Why java does not support multiple inheritance?

3. What is thread synchronization?

4. What method is used to specify a container's layout**?**

5. What are the different types of Statements used in Java?

**Section-B**
**Answer any four of the following:**                                **4 x 5 = 20**

6. Describe method overloading with an example.

7. Explain dynamic method dispatch with an example.

8. What are wrapper classes in Java?

9. Java has a standard class called MouseEvent. What is the purpose of this class?
   What does an object of type MouseEvent do?

10. What are the different types of layout managers?

11. How can you create JDBC statements and what are they?

**Section-C**
**Answer any two of the following:**                                **2 x 10 = 20**

12. Explain Exception Handling mechanism in Java.

13. Describe briefly the different states of a thread.

14. Explain the lifecycle methods of an Applet.

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