

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086**  
**(For candidates admitted during the academic year 2011-12 & thereafter)**

**SUBJECT CODE : 11CS/PC/OP24**

**M. Sc. DEGREE EXAMINATION, APRIL 2013**  
**INFORMATION TECHNOLOGY**  
**SECOND SEMESTER**

**COURSE : CORE**  
**PAPER : OBJECT ORIENTED PROGRAMMING WITH JAVA**  
**TIME : 1½ HOURS** **MAX. MARKS: 50**

**Section-A**

**Answer all the questions:**

**5 x 2 = 10**

1. Why is Java known as platform neutral language?
2. What is class? How does it accomplish data hiding?
3. What is finally block? When and how is it used?
4. How do applets differ from application programs?
5. What is an item listener? Give example.

**Section-B**

**Answer any four of the following:**

**4 x 5 = 20**

6. Explain the control statements in Java?
7. List and explain the advantages of Java.
8. What is Constructor? How to use Constructor in Java programs? Give example.
9. Briefly explain Synchronization in Java.
10. Write Short notes on (a) JMenuBar (b) JButton
11. List out the steps for connecting to a DB via JDBC.

**Section-C**

**Answer any two of the following:**

**2 x 10 = 20**

12. Explain inheritance in Java with suitable example.
13. Explain in detail about the exception handling in Java.
14. What are Adapter classes ? Explain in detail.

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