

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086
(For candidates admitted during the academic year 2015-16 and thereafter)

SUBJECT CODE : 15CS/PC/OP24

M. Sc. DEGREE EXAMINATION, APRIL 2017
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. Define JVM.
2. What is interface and mention its use?
3. Write down the syntax of the statements in Java for database connectivity.
4. What is thread synchronization?
5. When is a window event raised in Java?

Section-B

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

6. Explain various OOPS concepts.
7. What is inheritance in Java? Explain with examples.
8. Explain about Callable Statement interface in Java.
9. Explain about the life cycle of Thread in Java with an example program.
10. Explain about Java ArrayList with an example program.
11. Explain about the creation, adding an icon, assigning action and applying effects to a Button control in JavaFX.

Section-C

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

12. Discuss on Exception handling with an application of your choice.
13. Give a brief note on Java packages. Write a code snippet that illustrates the package.
14. Explain about event handling in Java with any suitable example program.
