LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION - COMPUTER SCIENCE

FIRST SEMESTER – NOVEMBER 2013

CS 1824 - ADVANCED JAVA PROGRAMMING

Date : 11/11/2013   Dept. No.   Max. : 100 Marks
Time : 1:00 - 4:00

SECTION-A

ANSWER ALL THE QUESTIONS: (10*2=20)

1. Define JVM.
2. What is method overriding?
3. Write the use of paint() method in applet.
4. What is Styled Text?
5. Write down the task of forName() in JDBC.
6. What is the use of ResultSetMetaData interface?
7. Define session management.
8. Differentiate doGet() and doPost().
9. What is state?
10. Write down the Characteristic of Stateless session bean.

SECTION-B

ANSWER ALL THE QUESTIONS: (5*8=40)

11. a) Explain method overloading with an example.
         (OR)

    b) Define Interface. How the interfaces are implemented? Explain with an example.
12. a) Explain about Applet Life cycle.
          (OR)
    b) Differentiate static and fixed methods with examples.
13. a) Explain any five swing components.
          (OR)
    b) Explain the concept of JDBC with an example.
14. a) Differentiate HttpServlet Class From GenericServlet class.
          (OR)
    b) Explain the JSP scripting elements with an example.
15. a) Explain the services provided by the EJB container.
          (OR)
    b) Explain the various components of EJB.

SECTION-C

ANSWER ANY TWO: (2*20=40)

16. i) Explain in detail about Life Cycle of multithreading with neat diagram.(10)
    ii) Discuss the concept of packages with example. (10)
17. i) Write the Servlet code to retrieve the employee details from the database. (10)
    ii) Define cookie. How to manage session with cookies? (10)
18. i) Explain the Life Cycle of Stateless Session Bean .(10)
    ii) Explain the different types of EJB. (10)

****