



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRST SEMESTER – NOVEMBER 2014

CS 1824 - ADVANCED JAVA PROGRAMMING

Date : 06/11/2014
Time : 01:00-04:00

Dept. No.

Max. : 100 Marks

SECTION-A

ANSWER ALL THE QUESTIONS:

(10*2=20)

1. How Java is platform independent?
2. What is static method?
3. Write a note on the keyword final.
4. Differentiate init() and start() method in Applet.
5. What is the purpose of forName() in JDBC.
6. Write note on ResultSet interface.
7. Define session management.
8. Write a note on Page Directives in JSP.
9. Define State.
10. Write down the Characteristic of EJB.

SECTION-B

ANSWER ALL THE QUESTIONS:

(5*8=40)

11. a) Write a java program to arrange N numbers in ascending order.
(OR)
b) Explain the concept of packages with an example.
12. a) Explain about inner classes with an example .
(OR)
b) Explain about Applet Life cycle.
13. a) Explain the steps involved to create a RMI application.
(OR)
b) Explain static and dynamic query in JDBC with an example.
14. a) Differentiate HttpServlet class and GenericServlet Cclass.
(OR)
b) Write a code to create an authentication page using JSP.
15. a) Explain the services provided by the EJB container.
(OR)
b) Explain the Remote Interface and Home Interface of EJB.

SECTION-C

ANSWER ANY TWO QUESTIONS

(2X20=40)

16. i) Discuss on Exception. Write a java program to handle the Divide by zero Exception. (10)
ii) How to set the priority for the threads? Explain with example. (10)
17. i) Write a JSP code to update the employee details in the database. (10)
ii) Define cookie. How to manage session with cookies? (10)
18. i) Explain the various components of EJB. (10)
ii) Explain the different types of EJB. (10)
