LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – **COMPUTER SCIENCE**

FIRST SEMESTER – NOVEMBER 2016

CS 1824 - ADVANCED JAVA PROGRAMMING

Date: 08-11-2016   Dept. No.   Max. : 100 Marks
Time: 01:00-04:00

Section – A

Answer all Questions   **(10 X 2 == 20 Marks)**

1. Define fixed method in JAVA.
2. What is the use of super keyword?
3. Define an Applet.
4. What do you mean by component?
5. What is the use of network programming in JAVA?
6. Define RMI.
7. Define session.
8. What is the use of JSP tags?
9. Define Bean Class.
10. What is the use of EJB container?

Section – B

Answer all Questions   **(5 X 8 == 40 Marks)**

11 a). What is an interface. Explain the usage of an Interface with an example.
Or
   b). What do you mean by overriding methods. Give one example.
12 a). Discuss about the procedure to draw shapes using Applet with an example.
Or
   b). Write a program to display the progress bar.
13 a). Write about the type 3 and type4 of JDBC-ODBC bridge drivers.
Or
   b). What is Socket class? Write about its constructors and methods.
14 a). Explain the life cycle of Servlet.
Or
   b). Explain the Formatting and SQL tags in JSP..
15 a). Explain in detail about Entity bean.
Or
   b). What are the types of EJB? Explain in detail Message Driven Bean.

Section – C

Answer any TWO Questions   **(2 X 20 == 40 Marks)**

16 a). Explain with an example about Exception handling.
   b). Explain in detail about Tabbed pane and Split pane.
17 a). Explain with an example how a client can communicate with the server
       using sockets?
   b). Explain in detail the session in JSP page execution.
18 a). Explain in detail about the Session Bean.
   b). Explain with an example about Packages.

****