LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRST SEMESTER – NOVEMBER 2017

CS 1824 - ADVANCED JAVA PROGRAMMING

Date: 04-11-2017   Dept. No.   Max. : 100 Marks
Time: 01:00-04:00

Section – A

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

1. Write the features of Java.
2. List the advantages of Packages.
3. Define an Applet.
4. What do you mean by Layout Managers?
5. Write an SQL statement to create a table. Give example.
6. Define Client and Server.
7. Define Servlet.
8. Define JSP session.
9. Define a Bean.
10. What are the advantages of Java Bean?

Section – B

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

11 a).What is access control in JAVA. Give an example.
                              Or
   b).What do you mean by a Thread? Explain with an example.

12 a).Explain with an example the procedure to display graphics using Applet.
                              Or
   b).Write a procedure to create a List using Swing. Give an example.

13 a).List out the constructors and methods of Socket Server class.
                              Or
   b).Write a Java code to retrieve data from a database using JDBC.

14 a).Discuss the life cycle of a Servlet.
                              Or
   b).Explain about the JSP tags.

15 a).Elaborate the Entity and the Message driven Bean.
                 Or
   b).Describe the deployment descriptors.

Section – C

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

16 a).Discuss Multiple Inheritance with an example.

b).Explain Component organizers with an example.

17 a).Describe the database drivers with a neat sketch.
b).Explain in detail the JSP life cycle.

18 a).Explain in detail the EJB architecture.
b).Explain in detail about Method overloding. Give an example.

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