

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRST SEMESTER – APRIL 2018

CS 1824– ADVANCED JAVA PROGRAMMING

Date: 28-04-2018
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

Section – A (10 X 2 == 20 Marks)

Answer all Questions

1. Define static method in JAVA.
2. What do you mean by a member function?
3. Define an Applet.
4. What is the use of java.awt.Graphics class?
5. What is Client-Server technology?
6. What is JDBC?
7. Write the advantages of using Servlet.
8. What do you mean by JSP?
9. What is the necessity of EJB.
10. Define a session.

Section – B (5 X 8 = 40 Marks)

Answer all Questions

- 11 a). Explain the Multiple Inheritance with an example.
Or
b). Write the procedure to use Interfaces in JAVA. Give example .
- 12 a). Write a program to display images using applet. Explain it.
Or
b). Write about the Swing component Tree.
- 13 a). Write about the methods used in Socket Server Class.
Or
b). Explain the RMI Architecture
- 14 a). Explain the JSP life cycle.
Or
b). Explain in detail about Servlet API.
- 15 a). Write about Stateful session bean.
Or
b). Discuss about the deployment descriptors.

Section – C (2 X 20 = 40 Marks)

Answer any TWO Questions

- 16 a). Explain the Java Threads with example.
b). Explain with an example the methods of Applet Graphics class.

17 a). Explain the steps involved in connecting a Database using JDBC.

b) Discuss in detail the methods available in Generic Servlet class.

18 a). Explain with an example the Message driven bean.

b). Write a program to explain overloading in Java.
