LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRST SEMESTER – NOVEMBER 2015

CS 1824 - ADVANCED JAVA PROGRAMMING

Date : 07/11/2015   Dept. No.   Max. : 100 Marks
Time : 01:00-04:00

SECTION-A

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

1. Write any two features of java.

2. List the access control in Java.

3. Define Applet.

4. What is Progress Indicator?

5. Write down the task of forName() in JDBC.

6. What is the purpose of ResultSetMetaData interface?

7. Define cookies.

8. Differentiate doGet() and doPost().

9. Define state.

10. What are the Characteristics of stateful session Bean?

SECTION-B

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

11. a) Explain method overriding with an example.

               (OR)

   b) Explain the exception handling mechanism in java.

12. a) Explain the Applet Life cycle.

               (OR)

    b) Explain any five swing components.

13. a) How database connectivity is achieved in Java? Explain with an example.

               (OR)

   b) Explain the steps involved to develop the RMI application.

14. a) Differentiate HttpServlet Class From GenericServlet class.

               (**OR**)

   b) Explain any five JSP tags with an example.

15. a) Explain the various components of EJB.

               (OR)

   b) Explain the life cycle of Stateless Session Bean

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SECTION-C

ANSWER ANY TWO: **(2X20=40)**

16. i) Explain in detail about packages. **(10)**

    ii) Discuss the concept of multithreading with example. **(10)**

17. i) Explain any one of the session management technique with an example. **(10)**

    ii) Explain the JSP scripting elements with an example. **(10)**

18. i) Explain the services provided by the EJB container. **(10)**

    ii) Explain the different types of EJB. **(10)**

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