18226(M)

B. Tech 6th Semester Examination

Advance Java (CBS)

CS-601

Time : 3 Hours   **Max. Marks : 60**

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt one question from each unit. Each question carry 10 marks. Question no. 9 is compulsory which is of 20 marks.

UNIT - I

1. How java differ from C++? Explain with ten different points.
(10)

OR

2. Write notes on History of Java.   (10)

UNIT - II

3. Write a program using Card Layout, which creates a two-level card deck that allows the user to select an operating system. Windows-based Operating systems should be displayed in one card. Mac OS , Android and Solaris should be displayed in the other card.   (10)

OR

4. Write down any 10 Differences between AWT and SWING.
(10)

UNIT - III

5. What do you mean by Handling HTTP Requests and Responses? Explain HTTP GET Request and Handling HTTP POST Request.   (10)

OR

6. Discuss in detail about Java Server Page.   (10)

UNIT - IV

7. Draw the complete architecture of JDBC and explain each component.   (10)

OR

8. Write down the fundamental steps for querying the database with JDBC with example.   (10)

UNIT - V

9. (a) Multiple Choice Questions: (Each questions carries two marks)

    (i) The Following steps are required to perform.

        (I) Implement the Listener interface and overrides its methods

        (II) Register the component with the Listener

            a. Exception Handling   b. String Handling

            c. Event Handling   d. None of the above

    (ii) Which is the container that doesn't contain title bar and Menu Bars but it can have other components like button, text field etc?

            a. Window   b. Frame

            c. Panel   d. Container

(iii) In HTTP Request what asks for the loopback of the request message, for testing or for troubleshooting?

    a. PUT   b. OPTIONS

    c. DELETE   d. TRACE

(iv) javap is a tool of Java Runtime Environment

    A. TRUE   B. FALSE

(v) In Java, standard default value of int type of variable is :

    A. 1   B. 2

    C. 4   D. 0

                                (2×5=10)

(b) Short answer type questions: (Each questions carries two marks)

(i) List two constructors provided by CardLayout.

(ii) Mention four buttons defined by Swing.

(iii) Which interface is to be implemented when handling Keyboard Events?

(iv) What do you mean by servlet?

(v) What do you mean by JVM?   (2×5=10)