UBCAT603.1 - Paper-III - Elective-I : Advance Java

P. Pages : 1   **GUG/W/23/13304**

Time : Three Hours |||||||||||||||||| Max. Marks : 40

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Notes :   1.   All questions all compulsory and carry equal marks.
           2.   Draw a neat and labelled diagram wherever necessary.
           3.   Avoid vague answers and write specific answers related to questions.

Either:

1.   a)   Explain the features of swing in details.   **4**

     b)   What is a layout manager? Explain the various layout manager supported by swing.   **4**

OR

     c)   What is a timer? Explain the working of a timer in detail.   **4**

     d)   Write a program to demonstrate a progress Bar.   **4**

Either:

2.   a)   Explain the architecture of JDBC in detail.   **4**

     b)   Write a program to inject record in a table using JDBC in employee table.   **4**

OR

     c)   Explain the result set interface in detail.   **4**

     d)   Explain the SQL exception class in detail using suitable example.   **4**

Either:

3.   a)   What is the role of get parameter () method and explain the advantages of servlet.   **4**

     b)   Difference between do get () and do post () method.   **4**

OR

     c)   Explain the session tracking in detail.   **4**

     d)   Write a program to design a web application by using Genericservlet to display "Hello students" message.   **4**

Either:

4.   a)   Explain UDP socket programming in detail.   **4**

     b)   What is JSP? Explain JSP implicit object in detail.   **4**

OR

     c)   Explain the procedure of creating a UDP server program using suitable example.   **4**

     d)   Write a difference between TCP and UDP.   **4**

5.   Solve all the questions.

     a)   Explain the following in brief.   **2**
         i)   List set   ii)   Tree set.

     b)   Explain the connection interface in brief.   **2**

     c)   Explain the Life cycle of servlets in short.   **2**

     d)   Explain the socket in detail.   **2**

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