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

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GUG/S/23/13304

Time : Three Hours

Max. Marks : 40

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labelled diagram and use supporting data wherever necessary.
3. Avoid vague answer and write specific answer related to question.

Either :-

1. a) Explain the features of swing application. **4**

b) What do you mean by components? Explain various components provided by swing. **4**

OR

c) What is a Jprogressbar? Explain the process of Jprogressbar. **4**

d) Write a program to demonstrate the slider. **4**

Either :-

2. a) Explain the architecture of JDBC with suitable diagram. **4**

b) Explain the following **4**
   i) Resultset interface   ii) Driver manager.

OR

c) Explain the steps involved in Java Database connectivity. **4**

d) Write a program to display all records from a file using JDBC. **4**

Either:-

3. a) Explain the steps involved in creation of servlets. **4**

b) Define servlets. Explain the life cycle of servlets using suitable example. **4**

OR

c) Define Generic servelets. How the Generic servelets is different from HHPServelet. **4**

d) Explain cookies in brief. **4**

Either :-

4. a) Explain the following **4**
   i) JSP action tags   ii) JSP directives.

b) Explain the following **4**
   i) Ip address   ii) Server socket class.

OR

c) Explain the procedure of creating a UOP client program with suitable example. **4**

d) Write a short note on Datagram Packet. **4**

5. Solve all the questions.

a) Explain in short about Hash set and list set. **2**

b) Explain different types of driver in JDBC. **2**

c) Write a short note on SQL Exception class. **2**

d) Explain the concept of Network king. **2**

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