

B.C.A. - III (CBCS Pattern) Semester-VI
UBCAT603.1 - Paper-III - Elective-I : Advance Java

P. Pages : 2

Time : Three Hours



GUG/S/25/13304

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 whenever necessary.
 3. Avoid vague answer and write specific answer related to question.

Either:

1. a) What is component? Explain various components provided by swing. 4
- b) What is Dialog Box? Explain different types of dialog Box with suitable example. 4

OR

- c) Explain the term collection framework in detail. 4
- d) Write a program to implement timer. 4

Either:

2. a) Explain Java SQL package in detail. 4
- b) Write a program to demonstrate statement interface. 4

OR

- c) Describe in detail the architecture of JDBC Application. 4
- d) List and explain various types of drivers. 4

Either:

3. a) What is Generic servelets? How it is differ from Httpservelets. 4
- b) Define Cookies. Explain various methods of class cookies. 4

OR

- c) List and explain the steps involved in creation of servlets. 4
- d) Write the detail note on:
i) doGet() method
ii) doPost() method. 4

Either:

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|-----------|----|--|----------|
| 4. | a) | Explain any four tags in JSP. | 4 |
| | b) | Give the procedure to create a UDP client program with suitable example. | 4 |

OR

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|-----------|----|--|----------|
| | c) | Explain the following. | 4 |
| | | i) URL connection. | |
| | | ii) Socket. | |
| | d) | Write a short note on TCP-IP socket programming. | 4 |
| 5. | a) | Write a short note on vectors and linked list. | 2 |
| | b) | Describe Resultset Interface in detail. | 2 |
| | c) | Write a short note on session Tracking. | 2 |
| | d) | Write a brief note on JSP server. | 2 |
