Master of Computer Application (MCA-II) Third Semester (Old)
MCA232 - Paper-II : Advanced Java Concepts

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labelled diagrams wherever necessary
3. Avoid vague answers and write specific answers relevant to questions.

1. Either

a) Differentiate between AWT and swing. Explain container method in detail. **8**

b) Write a program to use comparator Interface. **8**

OR

c) Write a program to demonstrate HashMap class. **8**

d) Explain window Listener method in details. **8**

2. Either

a) Explain the Architecture of JDBC application. **8**

b) Write a program to demonstrate prepared statement. **8**

OR

c) Explain any three classes of SQL Package in brief with suitable example. **8**

d) Create a java application that searches for a given record in a database table using JDBC. **8**

3. Either

a) What do you mean by session tracking? Explain. **8**

b) Create a web page using servlet to display "How are you". **8**

OR

c) Explain the following: **8**

i) Http Servlet request

ii) Http Servlet response

d) Write a program to demonstrate Generic Servlet class. **8**

4. Either

    a)   Explain the architecture of RMI in detail.   **8**

    b)   Write a program to display host name.   **8**

<div align="center">OR</div>

    c)   Explain Socket programming in brief.   **8**

    d)   Write a program to demonstrate Inet Address Class.   **8**

5.   Attempt all the questions.

    a)   Distinguish between Arraylist and vector.   **4**

    b)   Explain statement Interface in brief.   **4**

    c)   Write a note on do gets and do post method.   **4**

    d)   What do you mean by Skeleton and stub? Explain.   **4**

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