PSCSCT01 - Advanced Java Paper - I

P. Pages : 2

Time : Three Hours

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GUG/S/19/11142

Max. Marks : 80

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

1. Either

  a) Explain the life cycle of thread in detail. **8**

  b) Explain try-catch block with suitable example. **8**

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

  c) Explain method of Array class with example. **8**

  d) Explain command line argument with example. **8**

2. Either

  a) Explain Applet life cycle in detail. **8**

  b) What do you mean by swing? Explain event handling. **8**

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

  c) Write a program in Java to demonstrate the concept of passing parameter to applet. **8**

  d) Explain following. **8**

    i) Border layout   ii) Grid layout

3. Either

  a) Explain following: **8**

    i) Linked list   ii) Tree set

  b) Discuss collection framework in detail. **8**

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

  c) Explain types of drivers using JDBC and ODBC. **8**

  d) Write a note on: **8**

    i) Row set and result set   ii) Query execution

4.   Either

a)   Explain life cycle of servlet.   **8**

b)   Explain how get and post request is handled.   **8**

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

c)   Explain cookies and session tracking in detail.   **8**

d)   Discuss directives and mixing scriptlet.   **8**

5.   Solve all the questions.

a)   Write a note on packages.   **4**

b)   Explain any four methods in basic control in Java.   **4**

c)   Explain JDBC connectivity with sample code.   **4**

d)   Give the difference between servlet and JSP.   **4**

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