Code: 9F00305

MCA III Semester Supplementary June 2012 Examinations
JAVA PROGRAMMING
(For 2009 & 2010 admitted batches only)

Time: 3 hours   **Max Marks: 60**

Answer any FIVE questions
All questions carry equal marks
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1. (a) Explain the scope and life time of variables with suitable examples.
    (b) Write short notes on java buzzwords.

2. (a) Write the difference between interfaces and abstract classes.
    (b) Explain the concept of inheritance.

3. (a) Explain the uses of inner classes and with examples.
    (b) Explain in detail accessing implementations through interface references.

4. (a) Explain in detail overview of collection framework.
    (b) Write the specific cases when Array List, Linked List, Hash Set, Hash Map and Tree Map are used.

5. (a) Differentiate between byte streams and character streams.
    (b) Explain in detail file management using file.

6. (a) Explain the concept of rethrowing exceptions.
    (b) Explain interthread communication.

7. (a) Explain in detail MVC architecture.
    (b) Explain different types of layout managers, with examples.

8. (a) Write a java program for mouse events handling.
    (b) Write about passing parameters to applets.

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