Code: 9F00305

MCA III Semester Regular and Supplementary Examinations April 2014
JAVA PROGRAMMING
(For 2009, 2010, 2011 and 2012 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 features of java. Justify how java is a platform independent
language?
    (b)   Explain type conversion and type casting with an example.

2   (a)   Define inheritance. Explain types of inheritances with examples.
    (b)   Explain method overriding.

3   (a)   Explain about anonymous and static inner classes with an example.
    (b)   Explain the concept of importing a package.

4   Explain the following commonly used collection classes with example:
    (a)   Linked list.
    (b)   Hash table.
    (c)   Iterator interface.

5   (a)   Explain in detail about types of streams in java.
    (b)   Explain client server mechanism in java.

6   What is an exception? Explain in detail about exception handling
mechanism in java.

7   (a)   Explain swing vs awt.
    (b)   Explain different types of layout managers.

8   Explain in detail about event handling mechanism with examples.

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