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MCA - 405(A) MCA. IV Semester

Examination, June 2014

Java Programming and Technology (Elective-I)

Time: Three Hours

Maximum Marks: 70

Note: i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice.

- ii) All parts of each question are to be attempted at one place.
- iii) All questions carry equal marks, out of which part A and B (Max. 50 words) carry 2 marks, part C (Max. 100 words) carry 3 marks, part D (Max. 400 words) carry 7 marks.
- iv) Except numericals, Derivation, Design and Drawing etc.

Unit - I

- 1. a) Java is a platform independent language. Comment. 2
 - b) What is the scope and lifetime of a variable?
 - What is constructor? Explain with suitable example.
 - d) Explain the type of inheritance with examples. What are the benefits of inheritance?

OR

Explain the following:

- i) This pointer
- ii) Finalize () method
- iii) Dynamic method dispatch

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