Nepal College of Information Technology

**Unit Test**

Fall 2012

Program : BE IT Time : 2 hrs

Semester : (III) FM : 60

Subject : Programming in Java PM : 30

* *Candidates are requested to give their answer as far as practicable in their own words.*
* *The figure in the margin indicates the full marks*
* ***Attempt ALL question***

1. Write about the history of Java Programming. What are the benefits of Java? [10]

2. Do you think Java is better than C/C++? Justify your answer?? [10]

3. What are the features of Object Oriented Programming Language? How Java achieves reusability of Existing Classes? [10]

4. Write a program in Java to read the necessary inputs from console and calculate the compound interest. [10]

5. What is a package? How can you create packages in Java? How does the concept of packages differ with inheritance? [10]

6. Explain about: [10]

a) Static Members

b) Abstract Classes

c) Wrapper Classes

d) Reflection

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