

December 2005

Bachelor of Computer Application (BCA) Examination
V Semester

Introduction To Java

Time : 3 Hours]

[Max. Marks : 50

Note : All questions are compulsory. All questions carry equal marks.

1. (a) How do I Pass a primitive data type by reference? Explain with the help of example.
- (b) What is the difference between = and ==?

OR

What is the difference between public, private and protected keyword? Explain with example.

2. (a) How you can find the class of an object?
- (b) What is an abstract class and when should it be used?

OR

- (a) How do you compare two strings? Explain with example.
- (b) How do you convert from a string into a number?

3. (a) Can you return a "null" value from an object constructor? If no then why?
- (b) How can you throw an exception without declaring it in a ``throws" clause?

OR

- (a) What is the difference between a member variable and a local variable?
- (b) Discuss the different levels of access protection available in Java.

4. (a) What is the difference between suspending and stopping a thread?
- (b) What is a finally block? When and how it is used?

OR

Define an exception called ``No Match Exception" that is thrown when a string is not equal to ``India".

Write a program that uses this exception.

5. Write short note on : (any two)

(a) JVM. (b) File Handling in Java. (c) Packages for I/O.

