V.P. & R.P.T.P. SCIENCE COLLEGE
T.Y.B.Sc.(SEM–V) FIRST INTERNAL TEST
COMPUTER SCIENCE
US05CCSC01 : Object Oriented Programming Using C++

Date : 30/09/2013   Time : 03:30pm To 05:00pm   Marks : 30

Q.1 Multiple Choice Questions   [06]
   [1] In _____ data is hidden and cannot be accessed by external functions.
      [A] OOP   [B] POP   [C] SOP   [D] None
   [2] _____ is process by which objects of one class get the properties of other class.
      [A] Inheritance   [B] Polymorphism   [C] Data hiding   [D] Encapsulation
   [3] _____ operator is the same as "scanf( )" function used in C.
      [A] cin   [B] cout   [C] scanf   [D] printlf
   [4] _____is a variable of type class.
      [A] Static   [B] Object   [C] Operator   [D] Constant
   [5] While defining the derived class, base class name is written on _____ side
      of : symbol.
      [A] RHS   [B] LHS   [C] Both   [D] Any One
   [6] In case of multipath inheritance, problem of duplicate data-members is
      resolved using _____ keyword.
      [A] abstract   [B] const   [C] virtual   [D] default

Q.2 Answer the following in short (Any Three)   [06]
   [1] Define class & object as concept of OOP.
   [2] List out the features of OOP.
   [3] Explain cout in C++ with example.
   [4] Define string and write how to declare string in C++.
   [5] Discuss default arguments briefly.
   [6] What is inline function? Give an example of it.

Q.3 Describe with examples the uses of enumeration data types.   [06]

<div align="center">OR</div>

Q.3 Explain different data type available in C++.   [06]

Q.4 Define array. Explain passing arrays to functions with an example.   [06]

<div align="center">OR</div>

Q.4 How you can create arrays of objects? Give an example and explain it.   [06]

Q.5 Explain multiple & multilevel inheritance with suitable example.   [06]

<div align="center">OR</div>

Q.5 Explain the concept of friend function with suitable example.   [06]

<div align="center">***** <i>Best Of Luck</i> ****</div>