

V.P. & R.P.T.P. SCIENCE COLLEGE

T.Y.B.Sc EXAMINATION

SEMESTER – V



US05CCSC01: OBJECT ORIENTED PROGRAMMING USING C++

Date: 29/09/2016

Time: 11:00am to 12:30pm

Marks: 25

Q1 Multiple choice of Question: [3]

- 1) _____ means ability to take more than one form.
A. Inheritance B. Polymorphism
C. Data hiding D. Encapsulation
- 2) _____ is a user define data type.
A. Class B. Variable
C. Operator D. Function
- 3) By default, main () in C++ returns _____.
A. void B. int
C. char D. 1

Q2 Answer the following in short (Any 2): [4]

- 1) Define class & object as concept of OOP.
- 2) List all operations on Array.
- 3) Discuss default arguments briefly.

Q3 List out features of OOP and explain any two in detail. [6]

OR

Q3 Explain different operator available in C++. [6]

Q4 What do you mean by constructors? What is the use of constructors in C++? [6]

OR

Q4 What is private, protected and public area in class? [6]

Q5 Define inheritance. List all types of inheritance and explain any one. [6]

OR

Q5 Explain the concept of friend function with suitable example. [6]