

C.U.SHAH UNIVERSITY

Winter Examination-2019

Subject Name : Object Oriented Programming with C++

Subject Code : 4CS03IPC1

Branch: B.Sc.I.T.

Semester: 3

Date: 09/10/2019

Time: 02:30 To 05:30

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1 Attempt the following questions: (14)

- a) A C++ code line ends with ____
- b) The data members of structure are _____ by default.
- c) Which is insertion operator?
- d) Which C++ object is used to scan a value from the user?
- e) The functions declared inside a class are called _____
- f) How many arguments have the default constructor has?
- g) Which is scope resolution operator?
- h) Which keyword is used to access the variable in namespace?
- i) What is inheritance?
- j) What is abstract class?
- k) STL stands for _____
- l) What is class?
- m) What is destructor?
- n) List out which operators are never inheritance.

Attempt any four questions from Q-2 to Q-8

Q-2 Attempt all questions (14)

- a) Explain basic concepts of OOP. (5)
- b) What is reference variable? Explain reference as function argument with example. (5)
- c) Explain function prototyping in C++ with example. (4)

Q-3 Attempt all questions (14)

- a) Explain default argument with example. (5)
- b) Explain inline function with example. (5)
- c) Explain this pointer with example. (4)



