

- j) A derived class with only one base class is called inheritance. 1
 a) Single b) Multiple
 c) Multilevel d) Hierarchical
- k) Reusability of code in C++ is achieved through ____ 1
 a) Polymorphism b) Inheritance
 c) Encapsulation d) Exception handling
- l) Which symbol is used to define function outside the class 1
 a) << b) :
 c) :: d) ~
- m) STL stand for. 1
 a) Simple Template Library b) Static Type Library
 c) Standard Template Library d) Single Type-based Library
- n) How many types of constructors are available in c++? 1
 a) 0 b) 1
 c) 2 d) 3

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

- Q-2 Attempt all questions (14)**
 1 Explain difference between C and C++. 5
 2 What is Constructor? List out types of constructor with example. 5
 3 What is class? Explain in detail with example. 4
- Q-3 Attempt all questions (14)**
 1 Explain Access specifier available in c++. 5
 2 Explain function overriding. 5
 3 Explain this pointer with suitable example. 4
- Q-4 Attempt all questions (14)**
 1 Explain dynamic memory allocation and deallocation in C++. 5
 2 Explain default argument with example 5
 3 Explain friend function with example. 4
- Q-5 Attempt all questions (14)**
 1 Explain function overloading with example. 5
 2 What is Inheritance? Explain types of inheritance. 5
 3 Explain Comment in c++ 4
- Q-6 Attempt all questions (14)**
 1 Write a difference between POP and OOP. 7
 2 Explain characteristics of constructor and destructor. 7
- Q-7 Attempt all questions (14)**
 1 Differentiate Early binding V/s Late binding 5
 2 What is virtual function? Explain with example. 5
 3 Explain array of class object. 4
- Q-8 Attempt all questions (14)**
 1 Write a program to swap two number using class. 5
 2 Write a C++ code to calculate square, addition, and simple interest using function overloading concept. 5
 3 Explain Abstract class in detail. 4

