

## C++ Programming: C++ Inheritance

Total Questions: 11

For Answers Click Here: <http://www.eduzip.com/cpp-programming/cpp-inheritance.html>

1: Which of the following is false with respect to inheritance?

- A. When a base class is privately inherited, public members of the base class become private members of the derived class
- B. When a base class is publicly inherited, public members of the base class becomes public members of derived class
- C. When a base class is privately inherited, a private member of base class becomes private member of derived class
- D. When a base class is publicly inherited protected members of base class becomes protected members of derived class

2: Which of the following is/are false

- A. Inheritance is deriving new class from existing class
- B. In an inheritance, all data and function members of base class are derived by derived class
- C. We can specify which data and function members of base class will be inherited by derived class
- D. We can add new functions to derived class without recompiling the base class

3: A base class will offer

- A. offer more specific objects than its derived classes
- B. correspond to something in the rest world
- C. behave badly when the chops are down
- D. be a generalized version of its derived classes

4: If a base class member access is public, and an inherited class accesses specifier is private, which of the following statement is true ?

- A. The base class member can be accessed by derived class objects
- B. The base class members cannot be accessed by the derived class members
- C. The derived class members can be accessed by the base class objects
- D. None of above

5: Choose most appropriate statement

- A. An abstract base class can have pure virtual destructor
- B. An abstract base class can have only virtual destructor
- C. An abstract base class can have non virtual destructor
- D. An abstract base class cannot have destructor

6: The conversion from basic data to class type can be done by .....

- A. Writing constructor
- B. Is not possible
- C. overloaded casting operator
- D. object of a class

7: When a base class pointer points to derived class object?

- A. It can access only base class members
- B. It can access only derived class members

- C. Both base class & derived class members
- D. None

8: What is meant by multiple inheritance?

- A. Deriving a base class from derived class
- B. Deriving a derived class from base class
- C. Deriving a derived class from more than one base class
- D. None of the mentioned

9: Which symbol is used to create multiple inheritance?

- A. Dot
- B. Comma
- C. Dollar
- D. None of the mentioned

10: what is Hybrid Inheritance?

- A. multiple inheritance
- B. multilevel inheritance
- C. multipath inheritance
- D. combination of a and b
- E. combination of a and c

11: Which design patterns benefit from the multiple inheritance?

- A. Adapter and observer pattern
- B. Code pattern
- C. Glue pattern
- D. None of the mentioned