1. Which of the following Data members of base class inherits into derived class?

2. When a protected member is inherited in public mode, it becomes ………. in the derived class too and therefore is accessible by member functions of the derived class.

3. Which inheritance type is used in the class given below? class A: public X, public Y {}

4. If single base class is having multiple derived classes then such inheritance is called?

Answers

1. Multiple Inheritance

2. Hierarchical Inheritance

3. Single Inheritance

4. Multilevel Inheritance

5. _____ is that it allows you to reuse code without modeling an is-a association

6. Object oriented programming emphasis on _____.

7. Minor pillars of object oriented programming language?
   I.   Polymorphism
   II. Concurrency
   III. Persistence
   IV. Hierarchy

8. Which feature of OOPS illustrated the code reusability?

9. What is the output of this program?
```cpp
#include<iostream>
using namespace std;
class Person
{
    public:
 Person()
    {
     cout <<"We are in Person class"<< endl;
    }
};

class Student: public Person
{

};

class Faculty: public Person
{

};

int main()
{
     Student student;
     Faculty faculty;
}
```

10. What is true about public mode of inheritance?
   I.   In c++ by default mode of inheritance is public.
   II. public members of base remain public members of derived class
   III. protected members of base become public members of derived class
   IV. private members of base become public members of derived class