Total Marks: 10   **Total Time:**
                          10 Minutes

          Name:_____   **Roll No:**
                          _____

Question: For the code segment given below identify output or error. In case of error highlight the line that will cause the error.

```cpp
#include<iostream>
using namespace std;

class A
{
private:
        int a;
public:
        A(int x = 10) { a = x; cout << "A() called for "<<a<<" .\n"; }
        ~A() {cout << "~A() called for a = " << a << endl;}
        void Print() { cout << "a = " << a << endl; }
};
class B
{
private:
        int b;
        A a;
        A* aptr;
public:
        B(){ b = 0; aptr = 0; cout << "B() called." << endl; }
        B::B(int x, A* objPtr) :a(x+5)
        {
                b = x;
                aptr = objPtr;
                cout << "B() called for b = "<< b << endl;
        }
        void Print() { cout << "b = " << b<<endl; a.Print();
                if(aptr != 0) aptr->Print();
        }
        ~B(){ cout << "~B() called for b = " << b << endl; }
};
void main()
{
        A a1(5);
        B b1(10, &a1);
        cout<<"---------------------------\n";
        b1.Print();
}
```

Output/Error: