

Global Group of Institutions
Demo Question Paper – Set – III
Subject – Object Oriented Programming with C++

Sl. No.	Questions Lists - Classes & Objects	Options
1.	Which of the following is not correct for virtual function in C++? A. Virtual function can be static. B. Virtual function should be accessed using pointers C. Virtual function is defined in base class D. Must be declared in public section of class	A
2.	How can we make a class abstract? A. By declaring it abstract using the static keyword B. By declaring it abstract using the virtual keyword. C. By making at least one-member function as pure virtual function D. By making all member functions constant	C
3.	How many specifiers are present in access specifiers in class? A. 2 B. 1 C. 4 D. 3	D
4.	Which of these following members are not accessed by using direct member access operator? A. Public B. Private C. Protected D. Both B & C	D
5.	Which other keywords are also used to declare the class other than class? A. Struct B. Union C. Object D. Both struct & union	D
6.	Which of the following is true? A. All objects of a class share all data members of class B. Objects of a class do not share non-static members. Every object has its own copy C. Objects of a class do not share codes of non-static methods, they have their own copy D. None of these	B
7.	Which of the following can be overloaded? A. Object B. Operators C. Both A & B D. None of the above	C

8.	<p>Which is also called as abstract class?</p> <p>A. Virtual function</p> <p>B. Derived class</p> <p>C. Pure virtual function</p> <p>D. None of the mentioned</p>	C
9.	<p>What will be the output of the following program?</p> <pre>#include<iostream.h> using namespace std; class LFC { static int x; public: static void Set(int xx) { x = xx; } void Display() { cout<< x ; } }; int LFC::x = 0; int main() { LFC::Set(33); LFC::Display(); return 0; }</pre> <p>A. The program will print the output 0.</p> <p>B. The program will print the output 33.</p> <p>C. The program will print the output Garbage.</p> <p>D. The program will report compile time error.</p>	D

What will be the output of the following program?

Note: Includes all required header files

```
class course
{
    int x, y;
    public:
    course(int xx)
    {
        x = ++xx;
    }
    void Display()
    {
        cout<< --x << " ";
    }
};
```

10.

```
int main()
{
    course obj(20);
    obj.Display();
    int *p = (int*)&obj ;
    *p = 5;
    obj.Display();
    return 0;
}
```

- A. 20 4
- B. 21 4
- C. 20 5
- D. 21 5

A

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