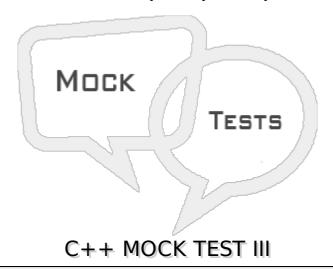# C++ MOCK TEST

This section presents you various set of Mock Tests related to **C++ Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.

C++ MOCK TEST III

Q 1 - Choose the option not applicable for the constructor.

A - Cannot be called explicitly.

B - Cannot be overloaded.

C - Cannot be overridden.

D - None of the above.

Q 2 - An array can be passed to the function with call by value mechanism.

A - True

B - False

Q 3 - A C++ program statements can be commented using

A - Single line comment

B - Multi line comment

C - Either a or b

D - Both a and b.

Q 4 - HAS-A relationship between the classes is shown through.

A - Inheritance

B - Container classes

C - Polymorphism

D - None of the above.

Q 5 - What is a generic class.

A - Function template

B - Class template

B - Inherited class

B - None of the above.

Q 6 - What is the full form of STL?

A - Standard template library.

B - System template library.

C - Standard topics library.

D - None of the above.

Q 7 - Which type of data file is analogous to an audio cassette tape?

A - Random access file

B - Sequential access file

C - Binary file

D - Source code file

Q 8 - i) single file can be opened by several streams simultaneously.

ii) several files simultaneously can be opened by a single stream

A - i and ii are true

B - i and ii are false

C - Only i is true

D - Only ii is true

Q 9 - With respective to streams >> $operator$ is called as

A - Insertion operator

B - Extraction operator

C - Right shift operator

D - Left shift operator

Q 10 - i 'ios' is the base class of 'istream'

ii All the files are classified into only 2 types. 1 Text Files 2 Binary Files.

A - Only *i* is true

B - Only *ii* is true

C - Both *i* & *ii* are true

D - Both *i* & *ii* are false

Q 11 - An exception is __

A - Runtime error

B - Compile time error

C - Logical error

D - None of the above

Q 12 - i) Exception handling technically provides multi branching.

ii) Exception handling can be mimicked using 'goto' construct.

A - Only *i* is true

B - Only *ii* is true

C - Both *i* & *ii* are true

D - Both *i* && *ii* are false

Q 13 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
    const int a = 5;

    a++;
    cout<<a;
}
```

A - 5

B - 6

C - Runtime error

D - Compile error

Q 14 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
    char s[] = "hello", t[] = "hello";
    if(s==t)
```

```
    cout<<"eqaul strings";
}
```

A - Equal strings

B - Unequal strings

C - No output

D - Compilation error

Q 15 - What is the outpout of the following program?

```
#include<isotream>

using namespace std;
main()
{
    enum {
        india, is = 7, GREAT
        };

        cout<<india<<" "<<GREAT;
}
```

A - 0 1

B - 0 2

C - 0 8

D - Compile error

Q 16 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
    short unsigned int i = 0;

    cout<<i--;
}
```

A - 0

B - Compile error

C - 65535

D - 32767

Q 17 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
    int x = 5;
```

```
    if(x==5)
    {
        if(x==5) break;
        cout<<"Hello";
    }

        cout<<"Hi";
}
```

A - Compile error

B - Hi

C - HelloHi

D - Hello

Q 18 - What is the output of the following program?

```
#include<isotream>

using namespace std;
void f() {
    static int i;

    ++i;
    cout<<i<<" ";
    }
main()
{
    f();
    f();
    f();
}
```

A - 1 1 1

B - 0 0 0

C - 3 2 1

D - 1 2 3

Q 19 - What is the output of the following program?

```
#include<isotream>

using namespace std;
void f() {
 cout<<"Hello"<<endl;
}
main()
{
}
```

A - No output

B - Error, as the function is not called.

C - Error, as the function is defined without its declaration

D - Error, as the main function is left empty

Q 20 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
   int x = 1;

      switch(x)
      {
         default: cout<<"Hello";
         case 1: cout<<"Hi"; break;
      }
}
```

A - Hello

B - Hi

C - HelloHi

D - Compile error

Q 21 - What is the output of the following program?

```
#include<isotream>

using namespace std;
void swap(int m, int n)
{
   int x = m;

 m = n;
 n = x;
}
main()
{
   int x = 5, y = 3;

 swap(x,y);
 cout<<x<<" "<<y;
}
```

A - 3 5

B - 5 3

C - 5 5

D - Compile error

Q 22 - What will be the output of the following program?

```
#include<isotream>
#include<string.h>

using namespace std;
main()
{
   cout<<strcmp("strcmp()","strcmp()");
```

```
}
```

A - 0

B - 1

C - -1

D - Invalid use of strcmp function

Q 23 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
    int r, x = 2;

    float y = 5;

    r = y%x;
    cout<<r;
}
```

A - 1

B - 0

C - 2

D - Compile error

Q 24 - What is the size of the following union definition?

```
#include<isotream>

using namespace std;
main()
{
    union abc {
        char a, b, c, d, e, f, g, h;

        int i;
        };
        cout<<sizeof(abc);
}
```

A - 1

B - 2

C - 4

D - 8

Q 25 - What is the size of 'int'?

A - 2

B - 4

C - 8

D - Compiler dependent

ANSWER SHEET

Question Number	Answer Key
1	C
2	B
3	D
4	B
5	B
6	A
7	B
8	C
9	B
10	C
11	A
12	A
13	D
14	C
15	C
16	A
17	A
18	D
19	A
20	B
21	B
22	A
23	D
24	C
25	D

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