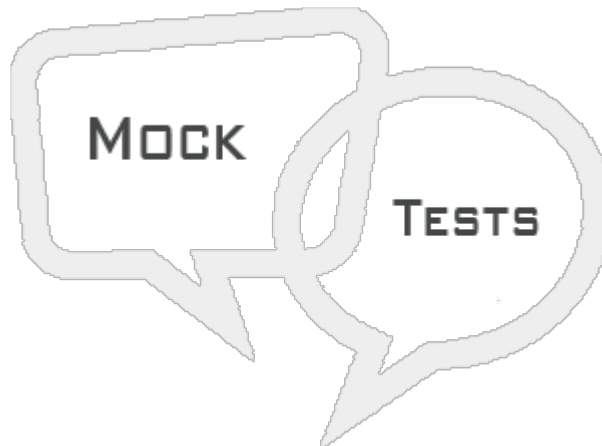# C++ MOCK TEST

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 IV

Q 1 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
    float t = 2;

  switch(t)
  {
   case 2: cout<<"Hi";
   default: cout<<"Hello";
  }
}
```

A - Hi

B - HiHello

C - Hello

D - Error

Q 2 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
    int a[] = {1, 2}, *p = a;

        cout<<p[1];
}
```

A - 1

B - 2

C - Compile error

D - Runtime error

Q 3 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
    int i = 13, j = 60;

    i^=j;
    j^=i;
    i^=j;
    cout<<i<<" "<<j;
}
```

A - 73 73

B - 60 13

C - 13 60

D - 60 60

Q 4 - What is the output of the following program?

```
#include<isotream>

using namespace std;
main()
{
    union abc {
    int x;
    char ch;
  } var;

    var.ch = 'A';
    cout<<var.x;
}
```

A - A

B - Garbage value

C - 65

D - 97

Q 5 - Compiler generates ___ file

A - Executable code

B - Object code

C - Assembly code

D - None of the above.

Q 6 - Special symbol permitted with in the identifier name.

A - $

B - @

C - _

D - .

Q 7 - A single line comment in C++ language source code can begin with _____

A - ;

B - :

C - /*

D - //

Q 8 - An inline function can execute faster than a normal function.

A - True

B - False

Q 9 - Choose the invalid identifier from the below

A - Int

B - bool

C - DOUBLE

D - __0__

Q 10 - Identify the C++ compiler of Linux

A - cpp

B - g++

C - Borland

D - vc++

Q 11 - Following is the invalid inclusion of a file to the current program. Identify it

A - #include <file>

C - #include < file

D - All of the above are invalid

Q 12 - What is the output of the following program?

```
#include<isotream>

using namespace std;
int x = 5;

int& f() {
  return x;
}
main() {
  f() = 10;
     cout<<x;
}
```

A - 5

B - Address of 'x'

C - Compile error

D - 10

Q 13 - The default executable generation on UNIX for a C++ program is ___

A - a.exe

B - a

C - a.out

D - out.a

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

```
#include<isotream>

using namespace std;
void f() {
  static int i = 3;

  cout<<i;
  if(--i) f();
}
main() {
  f();
}
```

A - 3 2 1 0

B - 3 2 1

C - 3 3 3

D - Compile error

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

```
main() {
}
```

A - No output

B - Garbage

C - Compile error

D - Runtime error

Q 16 - Does both the loops in the following programs prints the correct string length?

```
#include<isotream>

using namespace std;
main()
{
    int i;

    char s[] = "hello";

    for(i=0; s[i]; ++i);
        cout<<i<<endl;

    i=0;

    while(s[i++]);
        cout<<i;
}
```

A - Yes, both the loops prints the correct length

B - Only for loop prints the correct length

C - Only while loop prints the correct length

D - Compile error in the program.

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

```
#include<isotream>

using namespace std;
main()
{
    int a[] = {10, 20, 30};

  cout<<*a+1;
}
```

A - 10

B - 20

C - 11

D - 21

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

```
#include<isotream>

using namespace std;
```

```
main()
{
   char s[] = "Fine";
  *s = 'N';

   cout<<s<<endl;
}
```

A - Fine

B - Nine

C - Compile error

D - Runtime error

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

```
#include<isotream>

using namespace std;
main()
{
   char *s = "Fine";
  *s = 'N';

   cout<<s<<endl;
}
```

A - Fine

B - Nine

C - Compile error

D - Runtime error

Q 20 - What is the built in library function to compare two strings?

A - string_cmp

B - strcmp

C - equals

D - str_compare

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

```
#include<isotream>

using namespace std;
void main()
{
   char *s = "C++";

  cout<<s<<" ";
  s++;
  cout<<s<<" ";
}
```

A - C++ C++

B - C++ ++

C - ++ ++

D - Compile error

Q 22 - What is the output of the following program?

```cpp
#include<isotream>

using namespace std;
void main()
{
    char s[] = "C++";

  cout<<s<<" ";
  s++;
  cout<<s<<" ";
}
```

A - C++ C++

B - C++ ++

C - ++ ++

D - Compile error

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

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

using namespace std;
main()
{
    char s[]="Hello\0Hi";

    Cout<<strlen(s)<<" "<<sizeof(s);
}
```

A - 5 9

B - 7 20

C - 5 20

D - 8 20

Q 24 - What is the output of the following program?

```cpp
#include<isotream>

using namespace std;
main()
{
    class student
    {
        int rno = 10;
```

```
    } v;
    cout<<v.rno;
}
```

A - 10

B - Garbage

C - Runtime error

D - Compile error

Q 25 - i) Exceptions can be traced and controlled using conditional statements.

ii) For critical exceptions compiler provides the handler

A - Only *i* is true

B - Only *ii* is true

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

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

ANSWER SHEET

Question Number	Answer Key
1	D
2	B
3	B
4	C
5	B
6	C
7	D
8	A
9	B
10	B
11	C
12	D
13	C
14	B
15	A
16	B
17	C
18	B

19	D
20	B
21	B
22	D
23	A
24	D
25	B