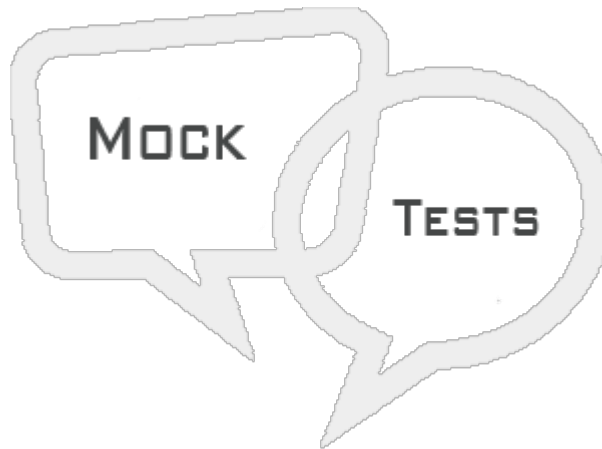


C++ MOCK TEST

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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 I

Q 1 - The default access specifier for the class members is

- A - public
- B - private
- C - protected
- D - None of the above.

Q 2 - A trigraph character begins with

- A - #
- B - ##
- C - ?
- D - ??

Q 3 - C++ does not supports the following

- A - Multilevel inheritance
- B - Hierarchical inheritance
- C - Hybrid inheritance
- D - None of the above.

Q 4 - One of the following is true for an inline function.

- A - It executes faster as it is treated as a macro internally
- B - It executes faster because its priority is more than normal function

- C - It doesn't execute faster compared to a normal function
- D - None of the above holds true for an inline function

Q 5 - Choose the pure virtual function definition from the following.

- A - virtual void f=0 { }
- B - void virtual f=0 { }
- C - virtual void f {} = 0;
- D - None of the above.

Q 6 - Abstract class is __

- A - A class must contain all pure virtual functions
- B - A class must contain at least one pure virtual function
- C - A class may not contain pure virtual function.
- D - A class must contain pure virtual function defined outside the class.

Q 7 - What is the output of the following program?

```
#include<iostream>

using namespace std;
class abc {
    void f();
    void g();
    int x;
};
main() {
    cout<<sizeof(abc)<<endl;
}
```

- A - 12
- B - 4
- C - 8
- D - Compile error

Q 8 - What is the output of the following program?

```
#include<iostream>

using namespace std;
class abc {
public:
    static int x;
    int i;

    abc() {
        i = ++x;
    }
};
```

```
int abc::x;

main() {
    abc m, n, p;

    cout<<m.x<<" "<<m.i<<endl;
}
```

A - 3 1

B - 3 3

C - 1 1

D - 1 3

Q 9 - A constructor can be virtual.

A - True

B - False

Q 10 - Choose the operator which cannot be overloaded.

A - /

B -

C - ::

D - %

Q 11 - Which operator is required to be overloaded as member function only?

A - _

B - __

C - ++ *postfixversion*

D - =

Q 12 - Which of the following is not the keyword in C++?

A - volatile

B - friend

C - extends

D - this

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

```
#include<isostream>

using namespace std;
class abc {
```

```

public:
    int i;

    abc(int i) {
        i = i;
    }
};

main() {
    abc m(5);

    cout<<m.i;
}

```

- A - 5
- B - Garbage
- C - Error at the statement i=i;
- D - Compile error: 'i' declared twice.

Q 14 - By default the members of the structure are

- A - private
- B - protected
- C - public
- D - Access specifiers not applicable for structures.

Q 15 - From the below class choose the proper definition of the member function f.

```

template <class T>

class abc {
    void f();
};

```

- A - template <class T>

void abc<T>::f { }
- B - template<class T>

void abc::f { }
- C - template<T>

void abc<class T>::f { }
- D - template<T>

void abc<T>::f { }

Q 16 - Choose the respective delete operator usage for the expression 'ptr=new int[100]'.

- A - delete ptr;

- B - delete ptr[];
- C - delete[] ptr;
- D - []delete ptr;

Q 17 - 'cin' is an __

- A - Class
- B - Object
- C - Package
- D - Namespace

Q 18 - The operator used to access member function of a structure using its object.

- A - .
- B - ->
- C - *
- D - None of the above.

Q 19 - A user defined header file is included by following statement in general.

- A - #include "file.h"
- B - #include <file.h>
- C - #include <file>
- D - #include file.h

Q 20 - Which data type can be used to hold a wide character in C++?

- A - unsigned char;
- B - int
- C - wchar_t
- D - none of the above.

Q 21 - Which is the storage specifier used to modify the member variable even though the class object is a constant object?

- A - auto
- B - register
- C - static
- D - mutable

Q 22 - The following operator can be used to calculate the value of one number raised to another.

- A - ^
- B - **
- C - ^^
- D -None of the above

Q 23 - Pick up the valid declaration for overloading ++ in postfix form where T is the class name.

- A - T operator++;
- B - T operator++*int*;
- C - T& operator++;
- D - T& operator++*int*;

Q 24 - We can have varying number of arguments for the overloaded form of operator.

- A - True
- B - False

Q 25 - Operators sizeof and ?:

- A - Both can be overloaded
- B - Both cannot be overloaded
- C - Only sizeof can be overloaded
- D - Only ?: can be overloaded

ANSWER SHEET

Question Number	Answer Key
-----------------	------------

- | | |
|---|---|
| 1 | B |
| 2 | C |
| 3 | D |
| 4 | A |
| 5 | D |
| 6 | B |
| 7 | B |
| 8 | A |
| 9 | B |

10	C
11	D
12	C
13	B
14	C
15	A
16	C
17	B
18	A
19	A
20	C
21	D
22	D
23	B
24	A
25	B

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