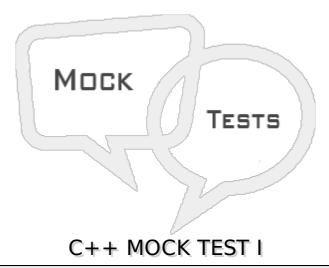
This section presents you various set of Mock Tests related to **C++ Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.



Q 1 - The default access specifer 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 it priority is more than normal function

- C It doesn't executes 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<isotream>

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

```
A - 12
```

B - 4

C - 8

D - Compile error

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

```
#include<isotream>
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 - 31
B - 33
C - 11
D - 13
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<isotream>

using namespace std;

class abc {

```
public:
    int i;

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

main() {
    abc m(5);
    cout<<m.i;
}</pre>
```

- 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></file.h>
C - #include <file></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 si A - Both can be overl B - Both cannot be over C - Only sizeof can be	oaded verloaded e overloaded		
D - Only ?: can be ove	erloaded		
	ANSWER SHEET		
Question Number			
1	В		
2	C		
3	D		
4	A		
5	D		
6	В		
7	В		
8	A		

9

В

10	С
11	D
12	С
13	В
14	С
15	Α
16	С
17	В
18	Α
19	Α
20	С
21	D
22	D
23	В
24	Α
25	В
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