(/)

C++ Programming MCQs Test 8

This Test will cover complete C++ with very important questions, starting off from basics to advanced level.

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

A. ^

B. **

C. ^^

D. None of the above

Correct Answer : OPTION D, None of the above. There is no such operator in C/C++.

Q. 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

Correct Answer : OPTION B, Sequential access file. As the access is linear.

Q. What is meant by `containership` ?

A. class contains objects of other class types as its members

B. class contains objects of other class types as its objects

C. both a & b

D. none of the mentioned

Correct Answer : OPTION A, class contains objects of other class types as its members

----

Q. What is the output of the following C++ program?

```
#include <iostream>
using namespace std;
#define MIN(a,b) (((a)<(b)) ? a : b)

int main()
{
    float i, j;
    i = 100.1;
    j = 100.01;
    cout <<"The minimum is"<< MIN(i, j)<< endl;
    return 0;
}
```

A. 100.01

B. 100.1

C. compile time error

D. none of the mentioned

Correct Answer : OPTION A, 100.01. In this program, we are getting the minimum number using conditional operator.

Q. What is the output of the following C++ program?

```
void main()
{

}
```

A. No output

B. Garbage

C. Compile error

D. Runtime error

Correct Answer : OPTION A, No output. It is valid to have main() function empty, therefore producing no displayable output.

Q. What does derived class does not inherit from the base class?

A. constructor and destructor

B. friends

C. operator = () members

D. all of the mentioned

Correct Answer : OPTION D, all of the mentioned. The derived class inherit everything from the base class except the given things.

Q. What is the output of the following C++ program?

```
#include <iostream>
using namespace std;

int main()
{
    cout<< "Value of __LINE__ : " << __LINE__ << endl;
    cout<< "Value of __FILE__ : " << __FILE__ << endl;
    cout<< "Value of __DATE__ : " << __DATE__ << endl;
    cout<< "Value of __TIME__ : " << __TIME__ << endl;
    return 0;
}
```

A. 5

B. Details about your file

C. compile time error

D. none of the mentioned

Correct Answer : OPTION B, Details about your file. In this program, we are using the macros to print the information about the file.

- -

Q. What is the output of the following C++ program?

```
#include <iostream.h>
using namespace std;
#define SquareOf(x) x * x

int main()
{
    int x;
    cout<< SquareOf(x + 4);
    return 0;
}
```

A. 16

B. 64

C. compile time error

D. None of the mentioned above

Correct Answer : OPTION D, none of the mentioned. In this program, as we haven't initiailzed the variable x, we will get a output of ending digit of 4.

- -

Q. What is the output of the following C++ program?

```
#include <iostream.h>
using namespace std;
#define PR(id)  cout << id;

int main()
{
    int i = 10;
    PR(i);
    return 0;
}
```

A. 10

B. 15

C. 20

D. None of the mentioned above

Correct Answer : OPTION A, 10. In this program, we are just printing the declared values.

- -

Q. What is the output of the following C++ program?

```
#include <iostream.h>
using namespace std;
#define MAX 10

int main()
{
    int num;
    num = ++MAX;
    cout << num;
    return 0;
}
```

A. 11

B. 10

C. compile time error

D. none of the mentioned

Correct Answer : OPTION C, none of the mentioned. Macro Preprocessor only replaces occurance of macro symbol with macro symbol value, So we can't increment the value.

Q. What is the other name of the `macro` ?

A. scripted directive

B. executed directive

C. link directive

D. none of the mentioned

Correct Answer : OPTION A, scripted directive. When the compiler encounters a previously defined macro, it will take the result from that execution itself.

Q. 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

Correct Answer : OPTION D, mutable. mutable is storage specifier introduced in C++ which is not available in C. A class member declared with mutable is modifiable though the object is constant.

Q. 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

Correct Answer : OPTION C, wchar_t. wchar_t is the data type using which we can hold Unicode characters.

- -

Q. What is the output of the following C++ program?

```cpp
#include <iostream>
using namespace std;

int main()
{
  int *p = new int;
  delete p;
  delete p;
  cout<<"Done";
  return 0;
}
```

A. Done

B. Compile error

C. Runtime error

D. None of the above.

Correct Answer : OPTION C, Runtime error

- -

Q. What is the output of the following C++ program?

```
#include <iostream>
using namespace std;

void f()
{
  static int i = 3;
    cout << (i);
    if(--i) f();
}

int main()
{
  f();
  return 0;
}
```

A. 3 2 1 0

B. 3 2 1

C. 3 3 3

D. Compile Error

Correct Answer : OPTION B, 3 2 1

SUBMIT TEST ()

What is Studytonight?

About Us (/about)

Authors (/authors)

Collaborate (/collaborate)

Testimonials (/testimonials)

Privacy Policy (/privacy)

Terms (/terms)

Contact Us (/contact)

Suggest (/suggest)

Tutorials

Android (/android)

Core Java (/java)

C++ (/cpp)

Data Structures (/data-structures)

Python (/python)

Network Programming (/network-programming-in-python)

DBMS & SQL (/dbms)

Servlet (/servlet)

More... (/library)

Tests

Core Java (/tests)

Android (/tests/?subject=android)

C++ (/tests?/?subject=cpp)

DBMS (/tests?/?subject=dbms)

C Language (/tests?/?subject=c)

More... (/tests)

Learn to Code

HTML (/code/html)

CSS (/cascading-style-sheet/)

Website Development (/code/playground)

Java Interview Question (/flashcards/Java)

C++ Interview Question (/flashcards/Cpp)

OS Interview Question (/flashcards/OS)

DBMS Interview Question (/flashcards/Sql)

More... (/flashcards)