Practice time

Set a timer and start doing !

What are the essential operators in c++?
a) +
b) |
c) <=
d) All of the mentioned

What will be the output of the following C++ code?

```cpp
#include <iostream>
using namespace std;
int main() {

    int a, b;
    a = 10;
    b = 4;
    a = b;
    b = 7;
    cout << "a: " << a;
    cout << "\nb: " << b;

    return 0;
}
```

a) a:4 b:7
b) a:10 b:4
c) a:4 b:10
d) a:4 b:6

What will be the output of the following C++ code?

```cpp
#include <iostream>
using namespace std;
int main() {

    int a, b, c;
    a = 2;
    b = 7;
    c = (a > b) ? a : b;
    cout << "c: " << c;

    return 0;
}
```

a) 2
b) 7
c) 9
d) 14

What is the name of | operator?
a) sizeof
b) or
c) and
d) modulus

What is this operator called "?:" ?
a) conditional
b) relational
c) casting operator
d) unrelational

What will be the output of the following C++ code?

```cpp
#include <iostream>
using namespace std;
int main() {

    int a = 5, b = 6, c;
    c = (a > b) ? a : b;
    cout << c;

    return 0;
}
```

a) 6
b) 5
c) 4
d) 7

```cpp
#include <iostream>
using namespace std;
int main() {

    int x, y;
    x = 5;
    y = ++x * ++x;
    cout << x << y;


    y = x++ * ++x;
    cout << x << y;


    return 0;
}
```
a) 749735
b) 736749
c) 367497
d) 367597

Who created C++?
a) Bjarne Stroustrup
b) Dennis Ritchie
c) Ken Thompson
d) Brian Kernighan

Which one of the following is a keyword?
a) Size
b) Key
c) Jump
d) switch

C++ is _____ type of programming language.?
a) Object Oriented
b) Procedural
c) Bit level language
d) Functional

Which of the following is used for comments in C++?
a) // comment
b) /* comment */
c) both // comment or /* comment */
d) // comment */

A C++ code line ends with ___
a) A Semicolon (;)
b) A Fullstop(.)
c) A Comma (,)
d) A Slash (/)

What is the size of a boolean variable in C++?
a) 1 bit
b) 1 byte
c) 4 bytes
d) 2 bytes

Which of the following is C++ equivalent for printf()?
a) cin
b) cout
c) print
d) input

Which of the following is the correct syntax of including a user defined header files in C++?
a) #include <userdefined.h>
b) #include <userdefined>
c) #include "userdefined"
d) #include [userdefined]

Which of the following is C++ equivalent for scanf()?
a) cin
b) cout
c) print
d) input

What is the value of a in below program?

```
int main()
{
int a, b=20;
a = 90/b;
return 0;
}
```

(A) 4.5
(B) 4.0
(C) 4
(D) Compilation Error

What is the output of below program?

```
int main()
{
int a = 10;
cout<<a++;
return 0;
}
```

(A) 10
(B) 11
(C) 12
(D) Not defined

What is output of below program?

```
int main()
{
int a=10;
int b,c;
b = a++;
c = a;
cout<<a<<b<<c;
return 0;
}
```

(A) 111011
(B) 111111
(C) 101011
(D) 101010

Choose the size of the below struct.

```
Struct{
Int a;
Char b;
Float c;
}
```

(A) 0
(B) 4
(C) 7
(D) 10

Find output of below program

```
int main()
{
int c1,c2;
int a = -8;
int b = 3;
c1 = --a + b;
c2 = a-- + b;
cout<<"c1="<<c1<<", "<<"c2="<<c2<<endl;

return 0;
}
```

(A) c1=-7,c2=-4
(B) c1=-7,c2=-3
(C) c1=-4,c1=b-3
(D) c1=-6,c2=-6

Which of the following is Right Shift operator?

(A) <
(B) <<
(C) ->
(D) >>

Identify the correct example for a pre-increment operator.

(A) a++
(B) ++a
(C) a+
(D) a--

By which of the following can the if-else statement be replaced?

(A) logical
(B) bitwise
(C) conditional
(D) arithmetic

Using which of the following data type can 19.54 be represented?

(A) long
(B) int
(C) double
(D) float

Identify the correct function from which the execution of C++ program starts?

(A) new()
(B) key()
(C) pow()
(D) main()

Identify the size of int datatype in C++.

(A) 1
(B) 4
(C) 2
(D) depends compiler to complier

How much bytes of memory does void occupy?

(A) 4
(B) 1
(C) 2
(D) 0