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Question 5

Not yet answered

Marked out of 1.00

⚑ Flag question

Assuming that x is equal to 4, which of the following statements will *not* result in y containing the value 5 after execution?

Select one:

○ A. $y = 5;$

○ B. $y = x++;$

○ C. $y = ++x;$

○ D. $y = x + 1$

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Next page

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Jump to... ⬍

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○ C. `main()` cannot be capitalized

○ D. Hello There does not need ""

Question **4**

Not yet answered

Marked out of 1.00

⚑ Flag question

What will the following code print?

```
num = 5;
cout << num++ << " ";
cout << num-- << " ";
cout << --num;
```

Select one:

○ A. 5 4 3

○ B. 5 6 4

○ C. 5 5 4

○ D. 5 6 5

Question **5**

Question 6

Not yet answered

Marked out of 1.00

Flag question

How many times is "Hi" printed to the screen

```
for(int i=0;i<14;i++);
cout <<"Hi\n";
```

Select one:

○ A. 13

○ B. 15

○ C. 14

○ D. 1

Question 7

Not yet answered

Question 7

Not yet answered

Marked out of 1.00

⚐ Flag question

What is the output of the following code fragment?

```
int x=0;
{
int x=13;
cout << x <<",";
}
cout << x << endl;
```

Select one:

○ A. 13,13

○ B. 0,13

○ C. 13,0

○ D. nothing

Question 8

Not yet answered

condition of an if statement.

○ C. Using a triple equals sign instead of a double equals sign in the condition of an if statement.

○ D. All of the above.

Question 20

Not yet answered

Marked out of 1.00

⚑ Flag question

How many times will the following loop display "Hello"?

```
for (int i = -1; i < 20; i++)
        cout << "Hello!" << endl;
```

Select one:

○ A. 21

○ B. An infinite number of times

○ C. 19

○ D. 20

Question 8

Not yet answered

Marked out of 1.00

⚑ Flag question

How many times will this `for` loop execute? (Note: i is an int.)

```
for(i = 100; i > 0; --i)
```

Select one:

○ A. 100

○ B. 99

○ C. 0, the loop will not execute

○ D. The loop is not written correctly. It would not compile.

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Question 9

Not yet answered

○ A. 395.75

○ B. 395

○ C. 396

○ D. 395.750000

Question **10**

Not yet answered

Marked out of 1.00

⚑ Flag question

Which is NOT a C++ datatype?

Select one:

○ A. double

○ B. const

○ C. int

○ D. float

Question 25

Not yet answered

Marked out of 1.00

⚑ Flag question

What will the following code display?

```
int number = 6;
int x = 0;
x = number--;

cout << x << endl;
```

Select one:

- ○ A. 6
- ○ B. 5
- ○ C. 7
- ○ D. 0

Previous page   Next page

☰   Q 🔔 💬 👤 ▾

Question 24

Not yet answered

Marked out of 1.00

⚑ Flag question

When a function needs access to an original argument passed to it, for example in order to change its value, the argument needs to be

Select one:

○ A. an integer.

○ B. passed by value.

○ C. passed into a reference parameter.

○ D. a static variable.

Question 25

Not yet answered

Marked out of 1.00

⚑ Flag question

○ B. An infinite loop cannot take place.

○ C. An off-by-one error cannot occur.

◉ D. The body of the loop will execute at least once.

Clear my choice

Question 23

Not yet answered

Marked out of 1.00

⚑ Flag question

The statement `cout << &num1;` will output

Select one:

○ A. the memory address of the variable called `num1`

○ B. the string "`&num1`"

○ C. the value stored in the variable called `num1`.

○ D. the number 1

Question 21

Answer saved

Marked out of 1.00

⚑ Flag question

What does the derived class inherit from the base class?

Select one:

- ⦿ A. Only public data.
- ○ B. Everything.
- ○ C. Public and Protected Data
- ○ D. Public and Private Data.

Clear my choice

Question 22

Answer saved

Marked out of 1.00

⚑ Flag question

○ D. Public and Private Data.

Clear my choice

Question 22

Answer saved

Marked out of 1.00

⚑ Flag question

If a do...while structure is used:

Select one:

○ A. Counter-controlled iteration is not possible.

○ B. An infinite loop cannot take place.

○ C. An off-by-one error cannot occur.

◉ D. The body of the loop will execute at least once.

Clear my choice

Question 23

Not yet answered

Marked out of 1.00

⚑ Flag question

Select one:

○ A. An initial assignment of a counter or stopping variable,

○ B. Parentheses around the statements.

○ C. A condition that, when met, will stop the loop

○ D. An increment/decrement of the counter

Question 27

Not yet answered

Marked out of 1.00

⚑ Flag question

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Which of the following is *not* an arithmetic operator?

Select one:

○ A. %

○ B. +

○ C. -

○ D. =

Question 28

Question 26

Not yet answered

Marked out of 1.00

⚐ Flag question

Which is NOT a component of loops?

Select one:

- ○ A. An initial assignment of a counter or stopping variable,
- ○ B. Parentheses around the statements.
- ○ C. A condition that, when met, will stop the loop
- ○ D. An increment/decrement of the counter

Question 27

Not yet answered

Marked out of 1.00

⚐ Flag question

○ B. 13

○ C. 11

○ D. 10

Question 34

Not yet answered

Marked out of 1.00

⚑ Flag question

The _____ object enables a program to read data from the user.

Select one:

○ A. std::cin

○ B. std::cget

○ C. std::cout

○ D. std::cread

Question 35

Not yet answered

Question 33

Not yet answered

Marked out of 1.00

⚑ Flag question

What is the value of x after the following code executes?

```
int x=10;

if( ++x >10)

{

x =13;

}
```

Select one:

○ A. 9

○ B. 13

○ C. 11

○ D. 10

Question 34

Not yet answered

Marked out of 1.00

○ C. -

○ D. =

Question **28**

Not yet answered

Marked out of 1.00

🚩 Flag question

How many times will this `for` loop execute? (Note: i is an int.)

`for(i = 0; i > 100; ++i)`

Select one:

○ A. The loop is not written correctly

○ B. 99

○ C. 100

○ D. 0, the loop will not execute

Question **29**

Not yet answered

Question **31**

Not yet answered

Marked out of 1.00

⚐ Flag question

Which of the following is *not* a valid C++ identifier?

Select one:

○ A. _AAA1

○ B. my Value

○ C. width

○ D. m_x

Question **32**

Not yet answered

Marked out of 1.00

⚐ Flag question

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Marked out of 1.00

⚑ Flag question

Which statement is true regarding overloaded functions?

Select one:

○ A. Only the return values for the overloaded functions should be different.

○ B. The overloaded functions can have different names

○ C. The functions must have the same types and numbers of input parameters.

○ D. The functions must have different input parameter lists.

Question **33**

Not yet answered

Marked out of 1.00

⚑ Flag question

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Question 1

Not yet answered

Marked out of 1.00

⚑ Flag question

In this `while` loop statement, `while(counter < 10)`
the variable counter is an int. Which statement below is an
equivalent way to write this while statement?

Select one:

○ A. `while( counter <= 9)`

○ B. A and B are correct

○ C. `while(9 > counter)`

○ D. `while(10 > counter)`

Question 2

Not yet answered

Marked out of 1.00

⚑ Flag question

○ C. parameter

○ D. argument

Question **4**

Not yet answered

Marked out of 1.00

⚑ Flag question

If there is an if-else block within
another if-else block, then the
block is said to be _____.

Select one:

○ A. comment

○ B. cascading

○ C. compound

○ D. nested

What is wrong with the following switch
  statement?

int ans;

cout <<"Type y for yes on n for no\n";

cin >> ans;

switch (ans)

{

    case 'y':

    case 'Y': cout << "You said yes\n";
    break;

    case 'n':

    case 'N': cout << "You said no\n";
    break;

    default: cout <<"invalid answer\n";

}

Select one:

○ A. ans is a int

○ B. Na. othing

○ C. here are no break statements on 2
    cases

○ B. cascading

○ C. compound

○ D. nested

Question 5

Not yet answered

Marked out of 1.00

⚑ Flag question

The list of input datatypes and variable names found in the function header line is referred to as the function's

Select one:

○ A. arguments

○ B. objects.

○ C. return types.

○ D. format.

○ C. here are no break statements on 2
cases

○ D. break; is illegal syntax

Question 3

Not yet answered

Marked out of 1.00

⚑ Flag question

A function _____ eliminates the need to
place the function definition before all calls to
the function.

Select one:

○ A. header

○ B. prototype

○ C. parameter

○ D. argument

Question 8

Not yet answered

Marked out of 1.00

⚑ Flag question

Where is a global variable defined?

Select one:

○ A. Outside a function

○ B. Inside a function

○ C. In a function header line

○ D. Anywhere

Question 9

Not yet answered

Marked out of 1.00

⚑ Flag question

Question 6

Not yet answered

Marked out of 1.00

⚑ Flag question

What is the value of number after the following statements execute?

```
int number = 10;

number += 5;
number -= 2;
number *= 3;
```

Select one:

- A. 3
- B. 39
- C. 30
- D. 2

Question 10

Not yet answered

Marked out of 1.00

⚑ Flag question

What is wrong with this code?

```
int ConvertFtToInches( int ft
)
{
int inches;
inches = ft * 12;
}
```

Select one:

- ○ A. You can't have the variable name in the input argument list
- ○ B. The function name is invalid
- ○ C. It will return the wrong value
- ○ D. There is no returned value

Question 7

Not yet answered

Marked out of 1.00

⚑ Flag question

What is wrong with this code?

```
int MAIN()
{
cout<<"Hello there!";
}
```

Select one:

○ A. `main()` cannot be capitalized

○ B. Hello There does not need ""

○ C. No ; after the `cout` statement

○ D. It will run fine

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Question 12

Not yet answered

Marked out of 1.00

⚑ Flag question

What will the following segment of code output if the value 11 is entered at the keyboard?

```
int number;
cin >> number;

if (number > 0)
  cout << "C++";
else
  cout << "Soccer";
  cout << " is ";
  cout << "fun" << endl;
```

Select one:

○ A. C++

○ B. Soccer is fun

○ C. C++ is fun

○ D. Soccer fun

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Question 11

Not yet answered

Marked out of 1.00

⚑ Flag question

In a C++ program, two slash marks (//) indicate:

Select one:

○ A. The end of the program

○ B. The end of a statement

○ C. The beginning of a comment

○ D. The beginning of a block of code

‹

Question 12

Not yet answered

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⚑ Flag question

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