Due No due date Points 25 Questions 25 Time Limit 30 Minutes Allowed Attempts Unlimited

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## Attempt History

	Attempt	Time	Score
KEPT	Attempt 4	21 minutes	23 out of 25
LATEST	Attempt 11	17 minutes	19 out of 25
	Attempt 10	17 minutes	22 out of 25
	Attempt 9	20 minutes	20 out of 25
	Attempt 8	21 minutes	20 out of 25
	Attempt 7	25 minutes	21.5 out of 25
	Attempt 6	25 minutes	21 out of 25
	Attempt 5	30 minutes	17 out of 25
	Attempt 4	21 minutes	23 out of 25
	Attempt 3	26 minutes	19.89 out of 25
	Attempt 2	30 minutes	22.5 out of 25
	Attempt 1	27 minutes	21 out of 25

! Correct answers are hidden.

Submitted Jul 13 at 5:50am

```
Which fragment completes this code segment?

string fmt(double n, int decimals)
{
    ostringstream out;
    out << fixed << setprecision(decimals);
    out << n;
    return ______;
}

    out
    out
    out
    out
    out
    out
    out
    out out
    out.str()
    out.o_string()
```

0 / 1 pts Question 2 What prints? string s("hello"); try { if (s.size() > 20) throw 42; if (islower(s.back())) throw "goodbye"; if (s == "hello") throw string("hello"); s.at(s.size()) = 'x'; cout << "one\n";</pre> catch (const int& e) { cout << "two\n"; }</pre> catch (const string& e) { cout << "three\n"; }</pre> catch (exception& e) { cout << "four\n"; }</pre> catch (...) { cout << "five\n"; }</pre> O four O five O one O two three Undefined

Complete the code fragment below, which is designed to throw an illegal\_length exception if string variable accountNumber has more than seven characters.

if (accountNumber.size() > 7)
{

**}**;



Coin c = NIC	CKEL; tic_cast <int>(c) &lt;&lt; endl;</int>			
5				
O Does no	ot compile; Missing semicolon at end of list of	of members.		
O Does no	ot compile; Cannot assign NICKEL to c.			
O 2				

Question 11			1 / 1 pts
Match each item with the correct statement below.			
Removes the first element in v and shifts the rest to the left	v.erase(v.begin())	~	
Returns a reference to the last element in v	v.back()	~	
Creates the vector [2, 3]	vector <int> v{2, 3};</int>	~	
Points to the first element in v	v.begin()	v	

Question 12	1 / 1 pts
Which statement is false? The elements in a vector:	
O are homogeneous	
None of these	
O are are all of the same type	
O each use the same amount of memory	
are accessed by using an index or subscript	

```
1 / 1 pts
Question 13
Which line prints 3?
int main()
{
   vector<int> v{1, 2, 3};
   auto size = v.size();
   cout << v.back() << endl;</pre>
                              // 1.
   cout << v.front() << endl; // 2.</pre>
   cout << v.at(0) << endl;
                                 // 3.
   cout << v.at(size) << endl; // 4.
   cout << v.pop_back() << endl; // 5.</pre>
}
   O 2
   O 5
   O 4
   О з
   0 1
```

Question 14	1 / 1 pts
The pop_back member function adds elements to the end of a vector.	
○ True	
False	

```
Question 15

This is the correct syntax for a C++ scoped enumeration.

enum class WEEKEND {SUNDAY, SATURDAY=6};
```

	True	
	O False	
	Question 16	1 / 1 pts
	An unnamed (anonymous) function is called a(n):	
	O iterator	
	○ stub	
	O None of these	
	Iambda	
	O functor	
Incorrect	Question 17	0 / 1 pts
	A vector consists of named members.	
	○ False	
	Question 18	1 / 1 pts
	The value for the variable <b>b</b> is stored:	
	<pre>int a = 1; void f(int b)</pre>	
	<pre>{   int c = 3;</pre>	
	<pre>static int d = 4; }</pre>	
	O on the heap	
	O in the static storage area	
	The example does not provide enough information	
	in the CPU machine registers	
	on the stack	
	Question 19	1 / 1 pts
	An incomplete type and a forward reference generally mean the same thing.	
	● True	
	○ False	
Incorrect	Question 20	0 / 1 pts
	What is the equivalent array notation?	
	<pre>int dates[10];</pre>	
	cout << *(dates + 2) << endl;	
	O dates[0] + 2	
	<pre>     dates[0] + 4</pre>	
	O dates[2] + 2	
	O dates[2]	
	O &dates[2]	
	O	1 / 1 pts
	Question 21	1/1 pts
	The elements of a C++ string array with no explicit initialization, created in a function will be set to null.	

O True

False

Question 23	1 / 1 pts
You must use an integral constant or literal to specify the size of a built-in C++ array.	
True	
○ False	

In C++ using == to compare one array to another is illegal.

True

False

