## Midterm 3 Study Guide

**Due** No due date

Points 25

Questions 25

Time Limit 30 Minutes

Allowed Attempts Unlimited

Take the Quiz Again

## Attempt History

	Attempt	Time	Score
КЕРТ	Attempt 30	23 minutes	25 out of 25
LATEST	Attempt 30	23 minutes	25 out of 25
	Attempt 29	23 minutes	24 out of 25
	Attempt 28	22 minutes	25 out of 25
	Attempt 27	20 minutes	20 out of 25
	Attempt 26	16 minutes	25 out of 25
	Attempt 25	18 minutes	24 out of 25
	Attempt 24	15 minutes	25 out of 25
	Attempt 23	21 minutes	24 out of 25
	Attempt 22	24 minutes	24 out of 25
	Attempt 21	18 minutes	24 out of 25
	Attempt 20	30 minutes	19 out of 25
	Attempt 19	20 minutes	23 out of 25
	Attempt 18	30 minutes	21 out of 25
	Attempt 17	30 minutes	23.5 out of 25
	Attempt 16	30 minutes	24 out of 25
	Attempt 15	30 minutes	21 out of 25
	Attempt 14	30 minutes	23 out of 25
	Attempt 13	24 minutes	22 out of 25
	Attempt 12	16 minutes	24 out of 25
	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

① Correct answers are hidden.

Submitted Jul 20 at 4:55pm

Question 1	1 / 1 pts
If the catch block with an ellipses (in the heading) is needed, then it should be the first catch block in a sequence of try/catch blocks.	
O True	
False	

Question 2	1 / 1 pts
The order of the catch blocks does not affect the program.	
○ True	
False	

Question 3	1 / 1 pts
What is true about this piece of code?	

```
template <typename T, typename U>
T pickle(T& a, const U& b) {
    a += b;
    return b;
}
int main()
{
    int x = 42;
    auto a = pickle(x, 4.5);
    cout << a << endl;
    cout << x << endl;
}

In main, a prints 4

In main, a prints 45

In main, x prints 465</pre>
```

The statement #if abs(-3) > 2 is legal.

True

False

When you throw an exception, control immediately jumps out of the current try block.

True

False

The directives #if defined(symbol) and #ifndef symbol mean, essentially, the same thing.

True

False

 Question 7

 Which call below produces 5?

 template <typename T>

 void addem(T a, T b)

 {

 cout << a << " + " << b << "->"

 <</td>

 None of these

 addem(3.0, 2.5);

 addem(3.2.5);

 addem(3, 2.5);

 addem(3, 2.5);

 addem(3, 2.5);

Question 8

What is correct for # 4?

Question 14

Assume the vector v contains [1, 2, 3]. v.erase(0); is a syntax error.

True



int \* const p3 = buf;
const int \* p4 const = buf;

○ *p1 = 3;			
○ *p3 = 5;			
O p1++;			
O p2++;			
<pre>*p2 = 7;</pre>			

Question 22	1 / 1 pts
What is true about this code?	
int * choice;	
○ Syntax error; should be int choice*;	
O choice currently points to an integer	
choice contains an undefined address	
O choice currently contains an integer	
O choice can point to any kind of object	

Question 23	1 / 1 pts
These pointers should point to "nothing". Which is not correctly initialized?	
O int *pi = nullptr;	
O Star *ps = NULL;	
All are correctly initialized to point to nothing.	
O double *pd = 0;;	
<pre>   vector<int> *vp; </int></pre>	

Question 24	1 / 1 pts
What is the term used to describe a variable which stores a memory address?	
O lvalue	
o pointer	
O None of these	
O rvalue	
O reference	

Question 25	1 / 1 pts
Which line creates an array with 5 elements?	
O None of these	
O int[] c[5];	
O int a[4];	
O int[5] d;	
<pre>     int b[5]; </pre>	

