Name			

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the que	stion.
1) Exception handling is used to	1)
2) C++ signals an error or unusual situation by	2)
3) A throw statement passes which type of value to the catch block?	3)
4) The catch block is also known as the	4)
5) The following catch block catches all exceptions. catch (string e) { /* catch block code */ }	5)
6) If no exception is thrown, then the is ignored.	6)
7) The following catch block is known as the catch () { /* catch block code */ }	7)
8) If a function throws an exception and does not catch it, then the function definition and declaration should have	8)
9) If a throw list has multiple exceptions listed, they are separated by	9)
10) If a function does not have an exception specification, then the function can throw exceptions.	10)
11) Can the following function throw any unhandled exceptions? <pre>void f1();</pre>	11)
12) If the following function throws an unhandled exception, what happens? void f1();	12)
13) If the following function throws an unhandled exception, what happens? void f1() throws ();	13)
14) If a function throw list specifies a base class type, then the function may also throw an exception of the class type.	14)
15) If some part of your program (or any library functions that are called) throw an exception, then if this exception is not handled in your code, your program will	15)
16) In C++, generic algorithms are implemented using templates.	16)

MULTIPI	LE CHOICE. Choose the one	e alternative that best cor	mpletes the statement or a	answers the question.	
17)	Which of the following is not A) The procedure for han B) Throw and catch can b C) need to handle built in D) none of the above	dling an error depends or e used like gotos.	-		17)
18)	The block of code that check A) an error block.	cs if an unusual situation of B) the try block.	or error occurs is called C) a function.	D) the catch block.	18)
19)	The block of code that hand A) a function.	les an exception is called B) the catch block.	C) the try block.	D) an error block.	19)
20)	When an unusual situation (A) error	or error occurs, then the _ B) try	statement is execu C) exiting	uted. D) throw	20)
21)	A catch block that expects a				21)
	B) all exceptions.C) all integer exceptions.D) none of the above				
22)	When a throw statement is 6 A) execution of the try blo		B) the program always e	exits.	22)
	C) execution of the catch	block stops.	D) execution of the throv	v block stops.	
23)	The parameter in the catch s A) identifies what type of B) makes the catch block C) must always be an e. D) identifies the different	exceptions are caught. a function.	it can be caught.		23)
24)	The throw statement is enclo	osed in			24)
,	A) a catch block.	B) a try block.	C) a throw block.	D) quotes.	,
25)	A throw statement can throw				25)
	A) an exception of any daB) an integer exception.C) a float exception.D) a bool exception.E) all of the above	ta type.			
26)	The following catch stateme	nt:			26)
	catch() { /* catch	n block code */ }			
	A) catches only numeric 6B) should be the first catcC) is illegal.D) catches all exceptions.	exceptions. h block if multiple catch s	statements are present.		

27) The following class definition		27)
<pre>class MyError { };</pre>		
A) has only a default constructor.B) is illegal.C) has no member functions or member dataD) A and B		
28) If a function throws an exception,A) it causes a syntax error.C) it may be caught in that function.	B) it must be caught in that function.D) it can only be a non-numeric exception.	28)
29) If you have a function that might throw an excemight want to handle that exception differentlyA) throw an integer exception.C) never throw an exception in this function.	you should B) not catch the exception in the function.	29)
30) If the following function will throw a string exception, then which is true?		
<pre>void myFunction();</pre>		
A) the function definition and declaration shoB) the function should have an empty throwC) the function definition, but not the declaraD) all of the above	list.	
31) Which of the following function declaration cor thrown?	rectly specifies that two types of exceptions are	31)
A) void f1() throw a, throw b;C) void f1(exception a, exception b);	B) void f1() throw (a,b);D) void f1() exception (a;b);	
32) Given the following function definition, what h	appens if the function throws the exception?	32)
<pre>void f1() throw (double) { if(/* some code here */) throw 12; }</pre>		
A) This code has a syntax error.B) The 12 will be converted to 12.0.C) The function will cause the program to exD) The function will throw an integer exception		
33) If a function will possibly throw an unhandledA) encompass the function call.C) be in the function definition.	exception, the try block should B) not be used. D) be in the catch block.	33)

	34) If class A is derived from class B, and a virtual function in class B throws an exception, then the overridden version of that function in class A must		
	 A) not throw any exceptions. B) not throw any exceptions that the function in class B might throw. C) have an exception specification that is a subset of the exception specification of the base class B. D) all of the above 		
	35) Which type of exception is thrown if a call to the new operator fails?	35)	
	A) MemoryError B) DivideByZero C) bad_alloc D) ArithmeticError	, <u> </u>	
	36) What is the return type of the minmax_element generic algorithm? A) pair B) iterator C) T (generic type) D) bool	36)	
TRU	E/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.		
	37) The following function does not throw any unhandled exceptions. void f1() throw ();	37)	
		20)	
	38) Functions that might throw an exception must have a throw list.	38)	
	39) Functions may potentially throw at most one exception.	39)	
	40) If a function throws an exception, it must be caught inside that function.	40)	
	41) It is legal to have a catch block with no parameter.	41)	
	42) In a try block, the throw statement is always executed.	42)	
	43) The catch block is a function.	43)	
	44) The braces are not necessary to enclose a try block.	44)	
	45) The throw statement passes a value to the catch block.	45)	
	46) The catch block is a group of statements that handle an exception.	46)	
	47) The Standard Template Library (STL) consists of container classes of various kinds.	47)	
	48) In the STL, iterators provide the "glue" connecting container classes and generic algorithms.	48)	
	49) The model for the iterator in the STL was the pointer.	49)	
	50) None of the STL algorithms modifies the sequence of elements in any possible containers.	50)	
	30) INDITE OF THE 3 TE digorithms induffies the sequence of elements in any possible containers.		