

## CS-304 Final Term Exams Preparation Virtual University

Sr	Questions	Answers Choice
1	In case of multiple inheritance a derived class inherits,	A. Only the public member functions of its base classes B. Only the public data members of its base classes <b>C. Both public data members and member functions of all its base classes</b> D. Data members and member functions of any two base classes
2	Assume a class Derv that is privately derived from class Base. An object of class Derv located in main() can access	<b>A. public members of Derv.</b> B. protected members of Derv C. private members of Derv. D. protected members of Base.
3	Which one of the following terms must relate to polymorphism?	A. Static allocation B. Static typing <b>C. Dynamic binding</b> D. Dynamic allocation
4	Multiple inheritance can be of type	A. Public B. Private C. Protected <b>D. All of the given</b>
5	What problem(s) may occur when we copy objects without using deep copy constructor?	A. Dangling pointe B. Memory Leakage <b>C. All of the given</b> D. System crash
6	a'A static member function can be called, even when a class is not ____	A. Declared B. Define <b>C. Instantiated</b> D. Called
7	The find() algorithm	A. finds matching sequences of elements in two containers B. finds a container that matches a specified container <b>C. takes iterators as its first two arguments. (Object-Oriented Programming in C</b> D. takes container elements as its first two arguments.
8	Suppose that the Test class does not have an overloaded assignment operator. What happens when an assignment a=b; is given for two Test objects a and b?	A. The automatic assignment operator is used <b>B. The copy constructor is used</b> C. Compiler error D. Run-time error
9	In object orientated programming, a class of objects cans _____ properties from another class of objects	A. Utilize B. Borrow <b>C. Inherit</b> D. Adopt
10	template <> class Vector { } This is an example of partial specialization.	<b>A. True</b> B. False C. Not Sure
11	To convert from a user-defined class to a basic type, you would most likely use	A. a built-in conversion operator B. a one-argument constructor. C. an overloaded = operator. <b>D. a conversion operator that's a member of the class.</b>
12	_____, which means if A declares B as its friend it does NOT mean that A can access private data of B. It only means that B can access all data of A.	<b>A. Friendship is one way only</b> B. Friendship is two way only C. NO Friendship between classes D. Any kind of friendship
13	A copy constructor is invoked when	A. a function do not returns by value <b>B. an argument is passed by value</b> C. a function returns by reference. D. an argument is passed by

		reference.
14	Considering the resolution order in which compiler search for functions in a program; the first priority is given to,	A. general template B. partial specialization C. complete specialization D. ordinary function
15	One purpose of an iterator in the STL is to connect algorithms and containers.	A. True B. False C. Not Sure
16	A copy constructor is invoked when	A. a function do not returns by value B. an argument is passed by value. C. a function returns by reference. D. an argument is passed by reference.
17	Algorithms can only be implemented using STL containers.	A. True B. False C. Not Sure
18	In order to define a class template, the first line of definition must be:	A. <code>template&lt;typename t=""&gt; &lt;/typename&gt;&lt;typename t=""&gt; &lt;/typename&gt;</code> B. <code>&lt;div&gt;typename &amp;lt;template T&amp;gt; &lt;/div&gt;&lt;div&gt;&lt;br&gt;&lt;/div&gt;</code> C. <code>Template Class&lt;classname&gt; &lt;/classname&gt;</code> D. <code>Class &amp;lt;Template T&amp;gt;</code>
19	Consider a class named Vehicle, which of the following can be the instance of class Vehicle? 1. Car 2. Computer 3. Desk 4. Ahmed 5. Bicycle	A. 1, 4, 5 B. 2, 5, 6 C. 1, 2, 3, 6 D. 1, 5, 6
20	_____ is/are used to access information hidden within an object?	A. Interface B. Private data members C. Private member functions D. Both public and private members