CS-304 Final Term Exams Preparation Virtual University

Sr	Questions	Answers Choice
1	Consider the following statement Cupboard has books What is the relationship between Cupboard and books?	A. Composition B. Aggregation C. Inheritance D. None of the given options
2	When is a constructor called?	A. Each time the constructor identifier is used in a program statement B. During the instantiation of a new object C. During the construction of a new class D. At the beginning of any program execution
3	Algorithms can only be implemented using STL containers.	A. True B. False C. Not Sure
4	_____ is a relationship	A. Inheritance B. Polymarphism C. abstraction D. encapsulation
5	In a de-queue, (chose the best option)	A. data can be quickly inserted or deleted at any arbitrary location. B. data can be inserted or deleted at any arbitrary location, but the process is relatively slow. (Object-Oriented Programming in C++) C. data can not be quickly inserted or deleted at either end D. data can be inserted or deleted at either end, but the process is relatively slow.
6	We can use "this" pointer in the constructor in the body and even in the initialization list of any class if we are careful	A. True B. False C. Not Sure
7	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. The copy constructor is used C. Compiler error D. Run-time error
8	A normal C++ operator that acts in special ways on newly defined data types is said to be	A. glorified B. encapsulated C. classified D. overloaded
9	his pointers are not accessible for static member functions.	A. True B. False C. Not Sure
10	_____ provide the facility to access the data member.	A. accesser function B. private function C. inline function D. None of the given
11	Public methods of base class can --------- be accessed in its derived class	A. directly B. inderectly C. simultaniously D. none of the given
12	Non Template Friend functions of a class are friends of _____instance/s of that class.	A. All B. One specific C. All instances of one date type D. None of the given options
13	The >= operator can be overloaded.	A. True B. False C. Not Sure
14	The statement objA=objB; will cause a compiler error if the objects are of different classes.	A. True B. False

		C. Not Sure
15	Which of the following operators always takes no argument if overloaded?	A. / B. - C. + D. ++
16	In _____, a base class can be replaced by its derived class,	A. Sub-typing B. Super-typing C. Multiple-typing D. Restricted-typing
17	When we write a class template the first line must be:	A. template < class class_name> B. template < class data_type> C. templete< class T > Here T can be replaced with any name but it is preferable D. class class-name() class template<class_name> </class_name>
18	By default the vector data items are initialized to ____	A. 0 B. 0.0 C. 1 D. null
19	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
20	Template functions use _____ than ordinary functions.	A. Greater Memory B. Lesser Memory C. Equal Memory D. None of the given options