

CS-304 Final Term Exams Preparation Virtual University

Sr	Questions	Answers Choice
1	The specialization pattern after the name says that this specialization is to be used for every,	A. data type B. meta type C. virtual type D. pointer type
2	Algorithms can only be implemented using STL containers.	A. True B. False C. Not Sure
3	One purpose of an iterator in the STL is to connect algorithms and containers.	A. True B. False C. Not Sure
4	Using encapsulation we can achieve	A. Information hiding B. Least interdependencies among modules C. Implementation independence D. All of given options
5	_____ is a relationship	A. Inheritance B. Polymorphism C. abstraction D. encapsulation
6	In Private ----- only member functions and friend classes or functions of a derived class can convert pointer or reference of derived object to that of parent object	A. specialization B. inheritance C. abstraction D. composition
7	Which is not the Advantage of inheritance?	A. avoiding the rewriting of code. B. providing class growth through natural selection. C. providing a useful conceptual framework. D. facilitating class libraries
8	The concept of derived classes is involved in,	A. inheritance B. encapsulation C. array D. structure
9	Classes like TwoDimensionalShape and ThreeDimensionalShape would normally be concrete, while classes like Sphere and Cube would normally be abstract.	A. True B. False C. Not Sure
10	Default constructor is such constructor which either has no -----or if it has some parameters these have ----- values	A. Parameter, temporary B. Null, Parameter C. Parameter, default D. non of the given
11	Which of the following operator(s) take(s) one or no argument if overloaded?	A. ++ B. - C. + D. All of the above
12	Which of the following may not be an integral part of an object?	A. State B. Behaviour C. Protected data members D. All of given
13	----- members are somewhere between public and private members. They are used in inheritance	A. protected B. public C. private D. global
14	Consider the code below, class Fred { public: Fred(); ... }; int main() { Fred a[10]; Fred* p = new Fred[10]; ... } Select the best option	A. Fred a[10]; calls the default constructor 09 times Fred* p = new Fred[10]; calls the default constructor 10 times B. Produce an error C. Fred a[10]; calls the default constructor 11 times Fred* p = new Fred[10]; calls the default constructor 11 times D. Fred a[10]; calls the default constructor 10 times Fred* p = new Fred[10]; calls the default constructor 11 times

D. Fred a[10]; calls the default constructor 10 times
Fred* p = new Fred[10]; calls the default constructor 10 times

15	The main function of scope resolution operator (::) is,	A. To define an object B. To define a data member C. To link the definition of an identifier to its declaration D. To make a class private
16	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
17	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.
18	Vectors contain contiguous elements stored as a[an] ____.	A. variable B. array C. function D. datatype
19	A pointer to a base class can point to objects of a derived class.	A. True B. False C. Not Sure
20	A range is often supplied to an algorithm by two _____ values.	A. italic B. iteration C. iterator D. None of given