

CS-304 Final Term Exams Preparation Virtual University

Sr	Questions	Answers Choice
1	Identify which of the following overloaded operator function's declaration is appropriate for the given call? <code>Rational_number_1 + 2.325</code> Where <code>Rational_number_1</code> is an object of user defined class <code>Rational_number</code> .	A. <code>Rational_number operator+(Rational_number &obj);</code> B. <code>Rational_number operator+(double& obj);</code> C. <code>Rational_number operator+(Rational_number &obj, double& num);</code> D. <code>operator+(double& obj);</code>
2	The statement <code>objA=objB;</code> will cause a compiler error if the objects are of different classes.	A. True B. False C. Not Sure
3	_____, 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.	A. Friendship is one way only B. Friendship is two way only C. NO Friendship between classes D. Any kind of friendship
4	Friend functions are _____ functions of a class.	A. None of given B. object member C. non-member D. data member
5	_____ remain in memory even when all objects of a class have been destroyed.	A. Static variables B. Instance variable C. Primitive variables D. None of given
6	A static member function cannot be declared.	A. Static B. Implicit C. Explicit D. Virtual
7	this pointers are not accessible for static member functions.	A. True B. False C. Not Sure
8	What problem(s) may occur when we copy objects without using deep copy constructor?	A. Dangling pointe B. Memory Leakage C. All of the given D. System crash
9	Suppose you have been given the following design, "A person has a name, age, address and sex. You are designing a class to represent a type of person called a patient. This kind of person may be given a diagnosis, have a spouse and may be alive". Given that the person class has already been created, what of the following would be appropriate to include when you design the patient class?	A. registration date and diagnosis B. age and sex C. sex and diagnosis D. diagnosis and age
10	Which part of an object exhibits its state?	A. Data B. Operations C. Any public part D. Any private part