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2018-2019 OOP 期末考试
A. Multiple-Choice - 1 10
                                                                          A Fill-in-Blank 9
2-1 Given code below:
                                                                                                                Author: 翁恺
                                                                                                                Organization: 浙江大学
      vector<int> v;
      for ( int i=0; i<4; i++ ) {
         v.push_back(i+1); 把1号元素加进去,不是在1号索引加元素
      cout << v.size();</pre>
    The output should be: (2分)
     A. 1
     B. 2
     C. 3
     D. 4
2-1 Accepted (2 point(s))
2-2 About virtual function, which statement below is correct? (2分)
                                                                                                                Author: 翁恺

  A. Virtual function is a static member function

                                                                                                                Organization: 浙江大学

  B. Virtual function is not a member function

  C. Once defined as virtual, it is still virtual in derived class without virtual keyword,.

  D. Virtual function can not be overloaded.

2-2 Accepted (2 point(s))
2-3 It is better to choose ____ when the function is not complecated and is to be called frequently. (2分)
                                                                                                                Author: 翁恺

  A. overloaded function

                                                                                                                Organization: 浙江大学
     B. inline function

  C. recuisive function

  D. embedded function

2-3 Accepted (2 point(s))
2-4 Suppose that statement3 throws an exception of type Exception3 in the following statement: (2分)
                                                                                                             Author: 张德慧
                                                                                                             Organization: 西安邮电大学
    try {
    statement1; statement2; statement3; }
                                                如果 catch(Exception3 ex3) 中有 throw; 语句,那么
                                                statement4 会被执行,然后异常会被重新引发,控制流不会执行
    catch (Exception1 ex1) { }
                                                statement5
    catch (Exception2 ex2) { }
                                                如果 catch(Exception3 ex3) 中没有 throw; 语句,那么
    catch (Exception3 ex3) { statement4; throw; }
                                                statement4 会被执行,然后控制流会继续执行 statement5。
    statement5;
    Which statements are executed after statement3 is executed?
     A. statement2
     B. statement3
     C. statement4
                                       选D
     D. statement5
                                       std::vector<double> v; // 声明一个 double 类型的 vector
                                           v.push_back(2.5); // 向 vector 尾部添加元素 2.5
2-4 Accepted (2 point(s))
2-5 What is wrong in the following code?
                                                                                                             Author: 张德慧
    vector v; v[0] = 2.5; (2分)
                                                                                                             Organization: 西安邮电大学
     • A. The program has a compile error because there are no elements in the vector.
        B. The program has a compile error because you cannot assign a double value to v[0].
     C. The program has a runtime error because there are no elements in the vector.
     \bigcirc D. The program has a runtime error because you cannot assign a double value to v[0].
2-5 Wrong Answer (0 point(s))
2-6 Given:
                                                                                                                Author: 翁恺
                                                                                                                Organization: 浙江大学
      template <class T>
      void max(T a, T b, T &c)
         c = a+b;
    Which code fragement below is correct? (2分)
     A. int x,y;char z;max(x,y,z);
     B. double x,y;double z;max(x,y,z);
     C. int x,y;float z;max(x,y,z);
     D. float x,y;double z;max(x,y,z);
2-6 Accepted (2 point(s))
2-7 About const data member, which statement below is correct? (2分)
                                                                                                                Author: 翁恺

  A. const member can be defined without any initialization, and can not be modified.

                                                                                                                Organization: 浙江大学

  B. const member has to be initialized, and can not be modified.

  C. const member can be defined without any initialization, and can be modified later.

  D. const member has to be initialized, and can be modified later.

2-7 Accepted (2 point(s))
2-8 Which operator below can not be overloaded? (2分)
                                                                                                                Author: 翁恺
     A. &&
                                                                                                                Organization: 浙江大学
     B. []
     • C. ::
     D. <<
2-8 Accepted (2 point(s))
2-9 Which one below can NOT be overloaded? (2分)
                                                                                                                Author: 翁恺

  A. member function

                                                                                                                Organization: 浙江大学
        B. free function (global function)
        C. destructor
     D. constructor
2-9 Accepted (2 point(s))
2-10 About delete operator, which statement below is NOT correct? (2分)
                                                                                                                Author: 翁恺

  A. Only pointers as the result of a new opertion can be used to be delete d.

                                                                                                                Organization: 浙江大学
         B. Destructor will be called automatically during the delete operation.

  C. It is safe to delete the same pointer multiple times.

  D. There's only one pair of [] followed to delete a multi-dimension array.

2-10 Accepted (2 point(s))
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