## 计算机学院面向对象程序设计终考试卷 (样本) 班级\_\_\_\_\_ 学号112020821姓名 **科**及中A 成绩\_\_\_\_\_ Part I. Answer each questions by choosing A, B, C or D. is the default access permission for members in a class. a) public b) private c) protected d) static 2. If we have this code: class A { public: int a; }; A \*obj; C accesses the "a" variable. a) obj.a b) obj(a) c) obj->a d) obj::a identifies a constant pointer to changeable character data. a) const char& b) char& const c) const char\* (指针本身可变,指针指向的内存不可变) d) char\* const 4. \_\_\_\_\_ is the specific meaning of the word "reference" in C++ programming. Referring to the compiler's user manual. b) Referring to the same memory location. c) A document written by a referee d) Citing of a previous piece of research. 5. It's right that VA constructor must be called explicitly.

🔌 A constructor can be a virtual function. (构造函数不能被定义为虚函数)

d) A constructor can call other member functions of its own class.

A constructor cannot have default arguments.

## Part II. Fill in the blanks.

6. Write the output of the programs

```
#include <iostream.h>
class blah
{
public:
    blah(int x) { a++; }
    static int a;
};
int blah::a = 0;
void main()
{
    blah b1(5);
    blah b2(12);
    cout << "b1.a = " << b1.a;
    cout << "b2.a = " << b2.a;
}</pre>
```

## The output is:

\_\_\_\_\_

bl. a=2 b2.a=2

## PartIII. Programming

#include <iostream.h>

7. According the definition of **Complex** class and main function, please finish the member functions of **Complex** class.

```
class Complex
9
pr{vate:
     thoat a, b;
 public:
    complex (float a0, float b0): a(a0), b(b0) ?}
    complex () \ a=b=0; }
    Complex & operator = ( complex & c) ?
           Q = C.Q.
           b= c-b;
           return * this;
      Complex operator + ( Complex & C) {
           Complex ret;
           ret-a= a+ c-a;
           ret. b= b+ cb;
          return reti
```