5. Given:

```
const int x = 10;
```

Which of the following <u>will</u> compile?

a. int* p = &x;

b. int* const q = &x;

c. const int* r = &x;

d. All of the above

a. None of the above

6. What is the output of the following program:

```
class Base {
public:
    void foo(int n) { cout << "Base::foo(int)\n"; }
};
class Derived: public Base {
public:
    void foo(double n) { cout << "Derived::foo(double)\n"; }
};

int main() {
    Derived der;
    der.foo(42);
}
```

a. Base::foo(int)

b. Derived::foo(double)

c. The program does not compile

d. The program does not generate any output.

e. None of the above