

QUIZ 3

FIRSTNAME:

LASTNAME:

DATE:

- 1) (20 pts) Write a value returning function, isVowel, that returns the value true if a given character is a vowel and otherwise returns false.
- 2) (20 pts) Write the definition of a void function with three reference parameters of type double, int, and string. The function sets the value of the int and double variables to 5 and the value of the string variable to an empty string.
- 3) (20 pts) Give the prototype and a sample function call for the functions defined in question 1 and 2.

4) (20 pts) Consider the following function prototype `int add(int a, int b, int c=0);` Which of the following function calls is correct?

- a) `add(0);`
- b) `add(2,3);`
- c) `add(4,3,2);`
- d) `add();`

5) (20 pts) What is displayed by the following function call?
`func(0,add(1,5));`

```
void func(int a, int b, string s="hello"){  
    int r = a*b;  
    if(a>b)  
        r = a+b;  
    cout << s << " " << r << endl;  
}
```

```
int add(int a, int c){  
    return a+c;  
}
```