

# Python Programming

## Chapter 9, Lesson 2 Quiz – “Function Inputs and Outputs”

1. Given the function definition below, which of the following statements correctly calls the function?

```
def square_area ( length, width ):
```

```
    area = length * width
```

```
    print(area)
```

- a. `square_area(4,5)`
  - b. `square_area(20)`
  - c. `square_area(5, 4, 3)`
  - d. `square_area()`
2. Which of the following best describes a function parameter?
    - a. Something that can be used as a variable inside a function, with an initial value set by the calling code
    - b. A constant value that never changes at any point within your program
    - c. A variable that can be accessed both inside a function and by external code
    - d. A limitation on the number of statements contained inside the function
  3. Given the following function, how would you call the function, passing in the name "Sally" and the age 15?

```
def greeting(age, name):
```

```
    print ("Your name is", name, "and you are", age, "years old.")
```

```
    return
```

- a. `greeting(15, "Sally")`
- b. `greeting("Sally", 15)`
- c. `greeting("Sally = 15")`
- d. `greeting(15 = "Sally")`

**4. Which of the following is true about data returned from a function?**

- a. You can ignore it
- b. You can store it in a variable for later use
- c. You can use it immediately in some other expression or statement
- d. All of these are true

**5. Given the following function definition, which of the statements below correctly calls the function for a 15 year old student named Jack?**

```
def greeting(age = 15, name):
```

```
    print("Your name is", name, "and you are", age, "years old.")
```

```
    return
```

- a. greeting(name="Jack")
- b. Greeting(age=15, name="Jack")
- c. greeting(15, "Jack")
- d. All of these will work correctly