

# Chapter 2

TOTAL POINTS 10

1. In the following code,

1 point

```
1 print(98.6)
```

What is "98.6"?

- ☐ A conditional statement
- ☐ An iteration / loop statement
- ☐ A variable
- ☒ A constant

2. In the following code,

1 point

```
1 x = 42
```

What is "x"?

- ☐ A Central Processing Unit
- ☐ A function
- ☒ A variable
- ☐ A constant

3. Which of the following is a bad Python variable name?

1 point

- ☐ \_spam
- ☒ #spam
- ☐ spam\_23

4. Which of the following is not a Python reserved word?

1 point

- ☒ spam
- ☐ break
- ☐ continue
- ☐ for

5. Assume the variable **x** has been initialized to an integer value (e.g., **x = 3**). What does the following statement do?

1 point

```
1 x = x + 2
```

- ☐ Increase the speed of the program by a factor of 2
- ☐ Exit the program
- ☒ Retrieve the current value for **x**, add two to it, and put the sum back into **x**
- ☐ This would fail as it is a syntax error

6. Which of the following elements of a mathematical expression in Python is evaluated first?

1 point

- ☒ Parentheses ( )
- ☐ Multiplication \*
- ☐ Addition +
- ☐ Subtraction -

7. What is the value of the following expression

1 point

```
1 42 % 10
```

Hint - the "%" is the remainder operator

- ☐ 0.42
- ☐ 10
- ☒ 2
- ☐ 4210

8. What will be the value of x after the following statement executes:

1 point

```
1 x = 1 + 2 * 3 - 8 / 4
```

- ☐ 3
- ☐ 1.0
- ☐ 2
- ☒ 5.0

9. What will be the value of x when the following statement is executed:

1 point

```
1 x = int(98.6)
```

- ☐ 6
- ☐ 100
- ☒ 99
- ☐ 98

10. What does the Python **input()** function do?

1 point

- ☒ Pause the program and read data from the user
  - ☐ Connect to the network and retrieve a web page.
  - ☐ Read the memory of the running program
  - ☐ Take a screen shot from an area of the screen
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