

1. Which of the following is a comment in Python?

- ☐ // This is a test
- ☐ * This is a test
- ☐ /* This is a test */
- ☒ # This is a test

2. In the following code,

```
1 x = 42
```

What is "x"?

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

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

- ☐ Spam
- ☒ spam.23
- ☐ spam23
- ☐ spam_23

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

☒ speed

☐ else

☐ for

☐ if

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

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

☐ Create a function called "x" and put the value 2 in the function

☐ 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?

☐ Addition +

☐ Subtraction -

☒ Parentheses ()

☐ Multiplication *

7. What is the value of the following expression

1	<code>42 % 10</code>	

Hint - the "%" is the remainder operator

☐ 0.42

☐ 10

☐ 4210

☒ 2

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

1	<code>x = 1 + 2 * 3 - 8 / 4</code>	

☐ 3.0

☐ 4

☒ 5.0

☐ 15

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

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

- ☐ 99
- ☒ 98
- ☐ 100
- ☐ 6

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

- ☒ 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