### Question 1:

In the Python statement x = a + 5 - b:

* a and b are \_\_\_\_\_\_\_\_
* a + 5 - b is \_\_\_\_\_\_\_\_

1. operators, a statement
2. terms, a group
3. operands, an equation
4. operands, an expression

### Question 2:

What is the value of the expression 100 / 25? \_\_\_\_\_\_\_\_\_

### Question 3:

What is the value of the expression 1.1 + 2.2 == 3.3 ? \_\_\_\_\_\_\_

### Question 4:

Which of the following are truthy:

0.000001 False

0 ‘None’

True []

### Question 5:

The function sqrt() from the math module computes the square root of a number. Will the highlighted line of code raise an exception?

**x = -100**

**from math import sqrt**

**x > 0 and sqrt(x)**

### Question 6:

For two objects x and y:

if and only if \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

then x is y is True

### Question 7:

Write Python code to:

* Create a variable x with the value 100
* Increase the value of x fivefold using an augmented assignment operator

### Question 8:

Write Python code to build a list which has below data:

**x = [**

**'a',**

**'b',**

**{**

**'foo': 1,**

**'bar':**

**{**

**'x' : 10,**

**'y' : 20,**

**'z' : 30**

**},**

**'baz': 3**

**},**

**'c',**

**'d'**

**]**