1. What exactly is []?

A it is an empty list.

2. In a list of values stored in a variable called spam, how would you assign the value 'hello' as the third value? (Assume [2, 4, 6, 8, 10] are in spam.)

A. spam=[2,4,6,8,10]

m=[]

for i in spam:

spam[2]="hello"

m.append(spam)

break

print(m) output is: [[2, 4, 'hello', 8, 10]]

Let's pretend the spam includes the list ['a', 'b', 'c', 'd'] for the next three queries.

3. What is the value of spam[int(int('3' \* 2) / 11)]?

A. 3

4. What is the value of spam[-1]?

A. ‘d’

5. What is the value of spam[:2]?

A. ‘c’

Let's pretend bacon has the list [3.14, 'cat,' 11, 'cat,' True] for the next three questions.

6. What is the value of bacon.index('cat')?

A. 1

7. How does bacon.append(99) change the look of the list value in bacon?

A [3.14, 'cat,' 11, 'cat,' True’,99]

8. How does bacon.remove('cat') change the look of the list meaning in bacon?

A. [3.14, 11, 'cat', True]

9. What are the list concatenation and list replication operators?

A ‘+’ is used for concatenation and ’\*’ is used for replication

10. What is difference between the list methods append() and insert()?

A. While append() will add values only to the end of a list, insert() can

add them anywhere in the list.

11. What are the two methods for removing items from a list?

A. remove() is used to remove the items in a list.

12. Describe how list values and string values are identical.

A. Both list and string values can be check by for loop.and v can len() method

And we can use range() function.

What's the difference between tuples and lists?

A. tuples can be written in () and list can be written in []

14. How do you type a tuple value that only contains the integer 42?

A. tuple(42)

15. How do you get a list value's tuple form? How do you get a tuple value's list form?

A. tuple() is for tuples and for list list()

16. Variables that "contain" list values are not necessarily lists themselves. Instead, what do they contain?

A. They contain references to list values.

17. How do you distinguish between copy.copy() and copy.deepcopy()?

A. copy.copy() function will do a shallow copy of a list and copy.deepcopy() will

duplicate any lists inside the list.