1. What exactly is []? **: This is how we represent 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.) **spam[2]=’hello’**

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)]? **‘d’**

4. What is the value of spam[-1]? **‘d’**

5. What is the value of spam[:2]? **‘a’,’b’**

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')? **1**

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

**[3.14, 'cat,' 11, 'cat,' True,99]**

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

**[3.14, 11, 'cat,' True]**

9. What are the list concatenation and list replication operators? **+ for addition & \* for replication**

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

**Append will add at last index of list where insert will anywhere in list**

11. What are the two methods for removing items from a list? **Remove & POP**

12. Describe how list values and string values are identical. **Que not understand**

13. What's the difference between tuples and lists?

**Tuple are immutable & shown like () , list are mutable & shown like []**

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

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

**A=[1,2,3,4] then tuple(A) , B=(1,2,3,4) then list(a) ,in short doing type cast operation**

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

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

**Que not understood**