- What exactly is []?
 Sol.) This is a list(empty).
- 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.)
 Sol.) spam[2]="Hello" (assuming we are assigning hello as 3rd value not at 3rd index)

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)]? Sol.) The value will be "d".
- 4. What is the value of spam[-1]? Sol.) The value of spam[-1] is 'd'.
- 5. What is the value of spam[:2]? Sol.) It will return ['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')? Sol.) The value is 1.
- 7. How does bacon.append(99) change the look of the list value in bacon? Sol.) [3.14, 'cat,' 11, 'cat,' True', 99]
- 8. How does bacon.remove('cat') change the look of the list in bacon? Sol.) [3.14, 11, 'cat', 'True', 99]
- What are the list concatenation and list replication operators?
 Sol.) The list concatenation and list replication operators is + and * respectively.
- 10. What is difference between the list methods append() and insert()?

 Sol.) append() function inserts a value(any type) at the end of the list and insert() function insert the value to a list at a specified index.
- 11. What are the two methods for removing items from a list? Sol.) del and remove() are 2 methods.
- 12. Describe how list values and string values are identical.

 Sol.) The 2 values are identical in many ways, there are many functions which can be used in both such as len(), indexing etc.
- 13. What's the difference between tuples and lists? Sol.) Lists are mutable and tuples are immutable.

- 14. How do you type a tuple value that only contains the integer 42? Sol.) variable_name= (42,)
- 15. How do you get a list value's tuple form? How do you get a tuple value's list form? Sol.) Suppose we have a list in variable spam, we can get it as tuple form: tuple(spam) Suppose we have a tuple in variable spam, we can get it as tuple form: list(spam)
- 16. Variables that "contain" list values are not necessarily lists themselves. Instead, what do they contain?
 Sol.) References
- 17. How do you distinguish between copy.copy() and copy.deepcopy()?

 Sol.) copy.copy() will create a shallow copy while copy.deepcopy() will create a deep copy.