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# Unit 6 Questions

**1. The statement that creates the list is**

a. superstore = list()
b. superstore = []
c. superstore = list([1,2,3])
d. All of the above

**2. Suppose continents = [1,2,3,4,5], what is the output of len(continents)?**

a. 5
b. 4
c. None
d. error

**3. What is the output of the following code snippet?**
**islands = [111,222,300,411,546]**
**max(islands)**

a. 300
b. 222
c. 546
d. 111

**4. Assume the list superstore is [1,2,3,4,5], which of the following is correct syntax for slicing operation?**

a. print(superstore[0:])
b. print(superstore[:2])
c. print(superstore[:-2])
d. All of these

**5. If zoo = ["lion", "tiger"], what will be zoo * 2?**

a. ['lion']
b. ['lion', 'lion', 'tiger', 'tiger']
c. ['lion', 'tiger', 'lion', 'tiger']
d. ['tiger']

**6. To add a new element to a list the statement used is?**

a. zoo. add(5)
b. zoo.append("snake")
c. zoo.addLast(5)
d. zoo.addend(4)

***7. To insert the string "snake" to the third position in zoo, which of the following***
***statement is used?***

*a. zoo.insert(3, "snake")*
*b. zoo. insert(2, "snake")*
*c. zoo.add(3, "snake")*
*d. zoo.append(3, "snake")*

***8. Consider laptops = [3, 4, 5, 20, 5, 25, 1, 3], what will be the output of laptops.reverse()?***

*a. [3, 4, 5, 20, 5, 25, 1, 3]*
*b. [1, 3, 3, 4, 5, 5, 20, 25]*
*c. [25, 20, 5, 5, 4, 3, 3, 1]*
*d. [3, 1, 25, 5, 20, 5, 4, 3]*

***9. Assume quantity = [3, 4, 5, 20, 5, 25, 1, 3], then what will be the items of quantity list***
***after quantity.pop(1)?***

*a. [3, 4, 5, 20, 5, 25, 1, 3]*
*b. [1, 3, 3, 4, 5, 5, 20, 25]*
*c. [3, 5, 20, 5, 25, 1, 3]*
*d. [1, 3, 4, 5, 20, 5, 25]*

***10. What is the output of the following code snippet?***
***letters = ['a', 'b', 'c', 'd', 'e']***
***letters[::-2]***

*a. ['d', 'c', 'b']*
*b. ['a', 'c', 'e']*
*c. ['a', 'b', 'd']*
*d. ['e', 'c', 'a']*

***11. Suppose list_items is [3, 4, 5, 20, 5, 25, 1, 3], then what is the result of list_items.***
***remove(4)?***

*a. 3, 5, 29, 5*
*b. 3, 5, 20, 5, 25, 1, 3*
*c. 5, 20, 1, 3*
*d. 1, 3, 25*

***12. Find the output of the following code.***
***matrix= [[1,2,3],[4,5,6]]***
***v = matrix[0][0]***
***for row in range(0, len(matrix)):***
***for column in range(0, len(matrix[row])):***

***if v < matrix[row][column]:***
***v = matrix[row][column]***
***print(v)***
*a. 3*
*b. 5*
*c. 6*
*d. 33*

***13. Gauge the output of the following.***
***matrix = [[1, 2, 3, 4],***
***[4, 5, 6, 7],***
***[8, 9, 10, 11],***
***[12, 13, 14, 15]]***
***for i in range(0, 4):***
***print(matrix[i][1])***
*a. 1 2 3 4*
*b. 4 5 6 7*
*c. 1 3 8 12*
*d. 2 5 9 13*

***14. What will be the output of the following?***
***data = [[[1, 2], [3, 4]], [[5, 6], [7, 8]]]***
***print(data[1][0][0])***
*a. 1*
*b. 2*
*c. 4*
*d. 5*

***15. The list function that inserts the item at the given index after shifting the items to***
***the right is***
*a. sort()*
*b. index()*
*c. insert()*
*d. append()*

***16. The method that is used to count the number of times an item has occurred in the***
***list is***
*a. count()*
*b. len()*
*c. length()*
*d. extend()*
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