

In the name of Allah

Sixth season of introduction to python

Multiple Choice 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. 4
- 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()