Multiple-Choice Questions

Chepter 6

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()