**1. What is the output when the following code is executed ?**

names = ['Amir', 'Bear', 'Charlton', 'Daman']

print(names[-1][-1])

a) A

b) Daman

c) Error

d) n ans.

**2. Suppose list1 = [0.5 \* x for x in range(0, 4)], list1 is :**

a) [0, 1, 2, 3]

b) [0, 1, 2, 3, 4]

c) [0.0, 0.5, 1.0, 1.5] ans.

d) [0.0, 0.5, 1.0, 1.5, 2.0]

**3. To add a new element to a list we use which command ?**

a) list1.add(5)

b) list1.append(5) ans.

c) list1.addLast(5)

d) list1.addEnd(5)

**4. To insert 5 to the third position in list1, we use which command ?**

a) list1.insert(3, 5) ans.

b) list1.insert(2, 5)

c) list1.add(3, 5)

d) list1.append(3, 5)

**5. Suppose list1 is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after list1.reverse() ?**

a) [3, 4, 5, 20, 5, 25, 1, 3]  ans.

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]

**6. What is the output when the following code is executed ?**

>>>"Welcome to Python".split()

a) [“Welcome”, “to”, “Python”] ans.

b) (“Welcome”, “to”, “Python”)

c) {“Welcome”, “to”, “Python”}

d) “Welcome”, “to”, “Python”

**7. What is the output when following code is executed ?**

>>>list("a#b#c#d".split('#'))

a) [‘a’, ‘b’, ‘c’, ‘d’]  ans.

b) [‘a b c d’]

c) [‘a#b#c#d’]

d) [‘abcd’]

**8. What is the output when following code is executed ?**

def f(values):

  values[0] = 44

v = [1, 2, 3]

f(v)

print(v)

a) [1, 44]

b) [1, 2, 3, 44]

c) [44, 2, 3]  ans.

d) [1, 2, 3]

**9.What will be the output?**

**names1 = ['Amir', 'Bala', 'Chales']**

if 'amir' in names1:

    print(1)

else:

   print(2)

a) None

b) 1

c  2 ans.

d) Error

**10. What will be the output?**

m = [[x, x + 1, x + 2] for x in range(0, 3)]

a) [[1, 2, 3], [4, 5, 6], [7, 8, 9]]

b) [[0, 1, 2], [1, 2, 3], [2, 3, 4]]    ans.

c) [1, 2, 3, 4, 5, 6, 7, 8, 9]

d) [0, 1, 2, 1, 2, 3, 2, 3, 4]

**11. How many elements are in m?**

m = [[x, y] for x in range(0, 4) for y in range(0, 4)]

a) 8

b) 12

c) 16

d) 32

ans. none of the above

**12. What will be the output?**

data = [[[1, 2], [3, 4]], [[5, 6], [7, 8]]]

print(data[1][0][0])

a) 1

b) 2

c) 4

d) 5  ans.

**13. What will be the output?**

**points = [[1, 2], [3, 1.5], [0.5, 0.5]]**

**points.sort()**

**print(points)**

a) [[1, 2], [3, 1.5], [0.5, 0.5]]

b) [[3, 1.5], [1, 2], [0.5, 0.5]]

c) [[0.5, 0.5], [1, 2], [3, 1.5]]  ans.

d) [[0.5, 0.5], [3, 1.5], [1, 2]]

**14. What is the output of the following code?**

a=[10,23,56,[78]]

b=list(a)

a[3][0]=95

a[1]=34

print(b)

a) [10,34,56,[95]]

b) [10,23,56,[78]]

c) [10,23,56,[95]] ans.

d) [10,34,56,[78]]