

Quiz no 03

Introduction to Data Analyst and Data Science for Beginners

* Required

1. Email *

2. Write Your Name *

3. Suppose list1 is [1, 5, 9], what is sum(list1)? *

2 points

Mark only one oval.

☐ 14

☐ 15

☐ 16

☐ 13

4. Which of the following is True regarding lists in Python? *

2 points

Mark only one oval.

☐ Lists are immutable.

☐ Size of the lists must be specified before its initialization

☐ Elements of lists are stored in contiguous memory location.

☐ size(list1) command is used to find the size of lists.

5. Which of the following will give output as [23,2,9,75] ? If list1= [6,23,3,2,0,9,8,75] * 2 points

Mark only one oval.

- ☐ print(list1[1:7:2])
- ☐ print(list1[0:7:2])
- ☐ print(list1[1:8:2])
- ☐ print(list1[0:8:2])

6. The marks of a student on 6 subjects are stored in a list, list1= [80,66,94,87,99,95]. How can the student's average mark be calculated? * 2 points

Mark only one oval.

- ☐ print(avg(list1))
- ☐ print(sum(list1)/len(list1))
- ☐ print(sum(list1)/sizeof(list1))
- ☐ print(total(list1)/len(list1))

7. What will be the output of following Python code? * 2 points

```
1 list1=["Python","Java","c","C","C++"]
2
3 print(min(list1))
```

Mark only one oval.

- ☐ c
- ☐ C
- ☐ C++
- ☐ min function cannot be used on string elements

8. *

2 points

```
1 The elements of a list are arranged in descending order.  
2 Which of the following two will give same outputs?  
3 i. print(list_name.sort())  
4 ii. print(max(list_name))  
5 iii. print(list_name.reverse())  
6 iv. print(list_name[-1])  
7
```

Mark only one oval.

- ☐ i,ii
- ☐ ii,iii
- ☐ i,iii
- ☐ iii,iv

9. What will be the result after the execution of below Python code? *

2 points

```
1 list1=[3,2,5,7,3,6]  
2 list1.pop(3)  
3 print(list1)
```

Mark only one oval.

- ☐ [3,2,5,3,6]
- ☐ [2,5,7,3,6]
- ☐ [2,5,7,6]
- ☐ [3,2,5,7,3,6]

10. What will be the output of below Python code? *

2 points

```
1 list1=[1,3,5,2,4,6,2]
2 list1.remove(2)
3 print(sum(list1))
4
```

Mark only one oval.

- ☐ 18
- ☐ 19
- ☐ 20
- ☐ 21

11. What will be the output of the following Python code? *

2 points

```
1 names = ['Amir', 'Bear', 'Charlton', 'Daman']
2 print(names[-1][-1])
```

Mark only one oval.

- ☐ Daman
- ☐ a
- ☐ n
- ☐ m

12. Suppose list1 is [1, 3, 2], What is list1 * 2? *

2 points

Mark only one oval.

- ☐ [1,2,3]*[1,3,2]
- ☐ [1,6,4]
- ☐ [1,3,2,1,3,2]
- ☐ [1,3,2,3,2,1]

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

2 points

Mark only one oval.

- ☐ list.add(5)
- ☐ list.addend(5)
- ☐ list.addlast(5)
- ☐ list.append(5)

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

2 points

Mark only one oval.

- ☐ list1.insert(3,5)
- ☐ list1.insert(5,3)
- ☐ list1.insert(2,5)
- ☐ list1.insert(5,2)

15. Suppose list1 is [3, 4, 5, 20, 5], what is list1.index(5)? * 2 points

Mark only one oval.

- ☐ 0
☐ 1
☐ 2
☐ 3

16. To remove string "hello" from list1, we use which command? * 2 points

Mark only one oval.

- ☐ list1.remove(hello)
☐ list1.remove("hello")
☐ list1.pop(hello)
☐ list1.pop('hello')

17. Suppose listExample is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after listExample.extend([34, 5])? * 2 points

Mark only one oval.

- ☐ [3, 4, 5, 20, 5, 25, 1, 3, 34, 5]
☐ [1, 3, 3, 4, 5, 5, 20, 25, 34, 5]
☐ [25, 20, 5, 5, 4, 3, 3, 1, 34, 5]
☐ [1, 3, 4, 5, 20, 5, 25, 3, 34, 5]

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