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Started on Friday, 22 May 2020, 1:07 PM

State Finished

Completed on Friday, 22 May 2020, 1:16 PM

Time taken 9 mins 16 secs

Grade 10.00 out of 10.00 (100%)

Question **1**

Correct

Mark 1.00 out of 1.00

Which of these collections defines a LIST?

Select one:

- ☒ a. ["apple" , "banana" , "cherry"] ✓
- ☐ b. {"name" : "apple", "color" : "green"}
- ☐ c. {"apple" , "banana" , "cherry"}
- ☐ d. ("apple" , "banana" , "cherry")

Your answer is correct.

The correct answer is: ["apple" , "banana" , "cherry"]

Question **2**

Correct

Mark 1.00 out of 1.00

Which of these collections defines a TUPLE?

Select one:

- ☐ a. {"name" : "apple", "color" : "green"}
- ☐ b. {"apple" , "banana" , "cherry"}
- ☒ c. ("apple" , "banana" , "cherry") ✓
- ☐ d. ["apple" , "banana" , "cherry"]

Your answer is correct.

The correct answer is: ("apple" , "banana" , "cherry")



Question **3**

Correct

Mark 1.00 out of 1.00

In Python, list is mutable

Select one:

- ☐ a. False
- ☒ b. True ✓

Your answer is correct.

The correct answer is: True



Question 4

Correct

Mark 1.00 out of 1.00

Select all the correct options to join two lists in Python

```
listOne = ['a', 'b', 'c', 'd']  
listTwo = ['e', 'f', 'g']
```

Select one or more:

- ☒ a. newList = listOne + listTwo ✓
- ☐ b. newList = extend(listOne, listTwo)
- ☒ c. listOne.extend(listTwo) ✓
- ☐ d. newList.extend(listOne, listTwo)

Your answer is correct.

The correct answers are: newList = listOne + listTwo, listOne.extend(listTwo)

Question **5**

Correct

Mark 1.00 out of 1.00

What is the type of the following variable?

```
aTuple = ("Orange")  
print(type(aTuple))
```

Select one:

- ☐ a. list
- ☐ b. tuple
- ☐ c. array
- ☒ d. string ✓

Your answer is correct.

The correct answer is: string



Question **6**

Correct

Mark 1.00 out of 1.00

What is the output of the following?

```
aTuple = "Yellow", 20, "Red"  
a, b, c = aTuple  
print(a)
```

Select one:

- ☐ a. ('Yellow', 20, 'Red')
- ☐ b. TypeError
- ☒ c. Yellow ✓

Your answer is correct.

The correct answer is: Yellow

Question 7

Correct

Mark 1.00 out of 1.00

What is the output of the following list operation

```
aList = [10, 20, 30, 40, 50, 60, 70, 80]
print(aList[2:5])
print(aList[:4])
print(aList[3:])
```

Select one:

- ☐ a. [10, 20, 30, 40]
[20, 30, 40, 50]
[30, 40, 50, 60, 70, 80]
- ☒ b. [10, 20, 30, 40] ✓
[30, 40, 50]
[40, 50, 60, 70, 80]
- ☐ c. None of the above

Your answer is correct.

[30, 40, 50]

The correct answer is: [10, 20, 30, 40]

[40, 50, 60, 70, 80]

Question 8

Correct

Mark 1.00 out of 1.00

Select all that is true for Python tuple

Select one or more:

- ☐ a. A tuple is unordered
- ☒ b. A tuple maintains the order of items ✓
- ☒ c. We cannot change the tuple once created ✓
- ☐ d. We can change the tuple once created

Your answer is correct.

The correct answers are: A tuple maintains the order of items, We cannot change the tuple once created



Question 9

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code?

```
lst = [3,4,6,1,2]
lst[1:2] = [7,8]
print(lst)
```

Select one:

- ☐ a. [3,[7,8],6,1,2]
- ☒ b. [3, 7, 8, 6, 1, 2] ✓
- ☐ c. [3,4,6,7,8]
- ☐ d. Syntax error

Your answer is correct.

The correct answer is: [3, 7, 8, 6, 1, 2]

Question **10**

Correct

Mark 1.00 out of 1.00

Which of the following would give an error?

Select one:

- ☐ a. `list1=[]*3`
- ☒ b. None of the above ✓
- ☐ c. `list1=[2,8,7]`
- ☐ d. `list1=[]`

Your answer is correct.

The correct answer is: None of the above

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