

Correct    Incorrect

## 1. Question

- Which of the following is not a feature of a tuple?

☐ **Ordered elements**

☐ **Immutability**

☒ **Does not allow duplicate values**

☐ **Both a and c**

**Correct**

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## 2. Question

- Which of the following functions and methods cannot be applied to tuples?

☐ **len()**

☐ **sorted()**☐ **index()**☒ **sort()**

**Incorrect**

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### 3. Question

- Choose the cases where we can use tuples?

☐ **Cases where we need to add and delete values frequently**☒ **Keys of dictionary**☐ **Where we need to only add the values frequently**☐ **Both b and c**

**Incorrect**

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## 4. Question

- Which of the following represent an empty and a tuple with single element respectively?

☐ () and (1,)

☐ () and ("Python")

☐ () and (5.6)

☐ All the above

**Incorrect**

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## 5. Question

What will be the output of the following code?

```
tup=(1,'t',8.5,6,'y',True)
tup[:-2]
```

☐ (1, 't', 8.5, 6, 'y')

☐ (1, 't', 8.5, 6)

☐ (6, 8.5, 't', 1)

☐ ('y', 6, 8.5, 't', 1)

**Incorrect**

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## 6. Question

Which of the following give the output as the number y if

tup=(1,'t',8.5,6,'y',True)?

☐ tup[4]

☐ tup[1:2]

☐ tup[-2:-1]

☐ All the above

**Incorrect**

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## 7. Question

- Which of the following is an advantage of a tuple over a list?

☐ More built-in methods available

☐ Faster and less memory

☐ Mutability

☐ All the above

**Correct**

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## 8. Question

What will be the output of the following code?

```
tup=('a',)  
tup*3
```

☐ ('a', 'a', 'a')

☐ ('aaa')

☐ (('a'),('a'),('a'))

☐ Error

**Correct**

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## 9. Question

- Which of the following is a correct way to add elements to a tuple at the end of the tuple?

☐ `tup=tup+(1,2,3)`

☐ `tup=tup.append((1,2,3))`

☐ `tup=(1,2,3)+tup`

☐ All the above

**Incorrect**

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## 10. Question

What will be the output of the following code?

```
tup1=(1,2,3,5)
tup2=(1,2,4,1)

print(tup1<tup2,end=" ")
print(tup1[:-2]==tup2[:-2])
```

☐ True False

☐ False False

☐ True True

☐ False True

**Incorrect**

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## 11. Question

- Which of the following codes give an error on operating on `tup=(1,2,'3',4,'5')`?

☐ `tup[::-3]`

☐ **tup.index(3)**☐ **tup.count(5)**☐ **None of the above**

**Correct**

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## 12. Question

What will be the output of the following code?

```
tup=(1,'t','s',3,5,8,1.0,4,'l',[1])  
tup.count(1)
```

☐ **1**☐ **2**☐ **3**☐ **AttributeError**

**Incorrect**



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### 13. Question

Which of the following coding snippet do not give any error on executing?

a.

```
tup=(1,4,2,y,8.4)
```

```
tup[1]
```

b.

```
tup=(3,'t',6,9.0,3)
```

```
tup[5]
```

c.

```
tup=('True',4.3,6,9,1.2)
```

```
tup[3:3]
```

☐ a

☒ b

☐ c

☐ All the above

**Incorrect**

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## 14. Question

- Which of the following is a correct way to find the maximum value of the elements of the tuple named 'tup'?

☐ `tup.sum()`

☐ `sum(tup)`

☐ `sum().tup`

☐ `'tup'.sum()`

**Incorrect**

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## 15. Question

What will be the output of the following code?

```
tup=(1,2,[3,4],(5),{6,7,8})  
tup[3][0]
```

☐ **5**

☐ **6**

☐ **IndexError**

☐ **TypeError**