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REC-OCATS-1

# CS23336-Introduction to Python Programming

**Started on** Saturday, 19 October 2024, 8:08 PM

**State** Finished

**Completed on** Saturday, 19 October 2024, 8:27 PM

**Time taken** 19 mins 8 secs

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

What will the below Python code do?

```
set1={2,3}
```

```
set2={3,2}
```

```
set3={2,1}
```

```
if(set1==set2):
```

```
    print("yes")
```

```
else:
```

```
    print("no")
```

```
if(set1==set3):
```

```
    print("yes")
```

```
else:
```

```
    print("no")
```

Question 1 Answer



a.

Yes, No



b.

"==" is not supported for set in Python



c.

Yes, Yes



d.

No, No

## Question 2

Complete

Marked out of 1.00



Flag question

### Question text

Select all the correct options to remove “ECE” from the set.

```
sampleSet = {"ECE", "R&A", "MCT"}
```

Question 2 Answer

☐

a.

```
del.sampleSet("ECE")
```

☒

b.

```
sampleSet.discard("ECE")
```

☐

c.

```
sampleSet.delete("ECE")
```

☐


d.

```
remove.sampleSet("ECE")
```

### Question 3

Complete

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 Flag question

#### Question text

What will be printed when the following code executes?

```
a = ("Python Programming")
```

```
print type(a)
```

Question 3 Answer

☐

a.

```
<class 'int'>
```

☐

b.

```
<class 'str'>
```

☒

c.

```
<class 'tuple'>
```

☐


d.

```
str
```

### Question 4

Complete

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 Flag question

#### Question text

What will be the output of following Python code?

```
list1=[1,3,4,2]
```

```
x=list1.pop(2)
```

```
print(set([x]))
```

Question 4 Answer

☐

a.

{1,3,4}

☐

b.

{2}

☐

c.

{1,3,2}

☒


d.

{4}

## Question 5

Complete

Marked out of 1.00

 Flag question

### Question text

What will be the output of following Python code?

```
set1={2,5,3}
```

```
set2={3,1}
```

```
set3={}
```

```
set3=set1&set2
```

```
print(set3)
```

Question 5 Answer

☒

a.

{3}

☐

b.

{2,5,3,1}

☐

c.

{}


☐

d.

{2,5,1}

## Question 6

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the output of the following union operation

```
set1 = {10, 20, 30, 40}  
set2 = {50, 20, "10", 60}
```

```
set3 = set1.union(set2)  
print(set3)
```

Question 6 Answer

☐

a.

SynatxEror: Different types cannot be used with sets

☐

b.

{40, '10', 50, 20, 60, 30}

☒

c.

{40, 10, '10', 50, 20, 60, 30}


☐

d.

{40, 10, 50, 20, 60, 30}

### Question 7

Complete  
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 Flag question

### Question text

Choose the correct option.

Question 7 Answer

☐

a.

In Python, a tuple can contain only integers as its elements.

☒

b.

In Python, a tuple can contain both integers and strings as its elements.

☐

c.

In Python, a tuple can contain either string or integer but not both at a time.


☐

d.

In Python, a tuple can contain only strings as its elements.

## Question 8

Complete  
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 Flag question

### Question text

What is printed when the following code is run?

```
tup = ('30', '3', '2', '8')  
print(sorted(tup,reverse = True))
```

Question 8 Answer

☐

a.

['8', '30', '3', '2']

☐

b.

['2', '3', '30', '8']

☒

c.

['30', '8', '3', '2']


☐

d.

['2', '3', '8', '30']

## Question 9

Complete  
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 Flag question

### Question text

Which of the following is a Python tuple?

Question 9 Answer

☒

a.

(1,4,5,6,7)

☐

b.

[1,2,3,4]

☐

c.

{1,3,8,9,41}


☐

d.

("Wonder")

## Question 10

Complete  
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 Flag question

### Question text

A python tuple can be created without using any parentheses. (True/False)

Question 10 Answer



a.

True




b.

False

### Question 11

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following

```
set1 = {10, 20, 30, 40, 50}
set2 = {60, 70, 10, 30, 40, 80, 20, 50}
```

```
print(set1.issubset(set2))
print(set2.issuperset(set1))
```

Question 11 Answer



a.

True

True



b.

False

True



c.

True

False



d.


False

False

### Question 12

Complete

Marked out of 1.00

 Flag question

### Question text

Find the output of the given Python program?

```
t1 = (1,2,3,(4,5))
```


```
t2 = (3,2,1,(4,5))
print(t1>t2)
```

Question 12 Answer

- ☐ a.  
Error
- ☒ b.  
False
- ☐ c.  
True
- ☐ d.  
Error

### Question 13

Complete  
Marked out of 1.00

 Flag question

#### Question text


Select which is true for Python tuple?

Question 13 Answer

- ☐ a.  
None of these
- ☐ b.  
A tuple is unordered
- ☒ c.  
A tuple maintains the order of items
- ☐ d.  
We can change the tuple once created

### Question 14

Complete  
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 Flag question

#### Question text

What is the output of the given below program?

```
my_t1 = (1, 2, 3, 4)
my_t1.append( (5, 6, 7) )
print(len(my_t1))
```

#### Question 14 Answer

☐

a.

2

☐

b.

5

☒

c.

Error

☐


d.

1

## Question 15

Complete

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 Flag question

### Question text

What will be the output of following Python code?

```
set1={0,0,9}
```

```
print(set1)
```

#### Question 15 Answer

☐

a.

{0,0,9}

☒

b.

{0,9}

☐

c.

{9}

☐

d.

It will throw an error as there are two 0 while creating the set.

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