# **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("yes")

# 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

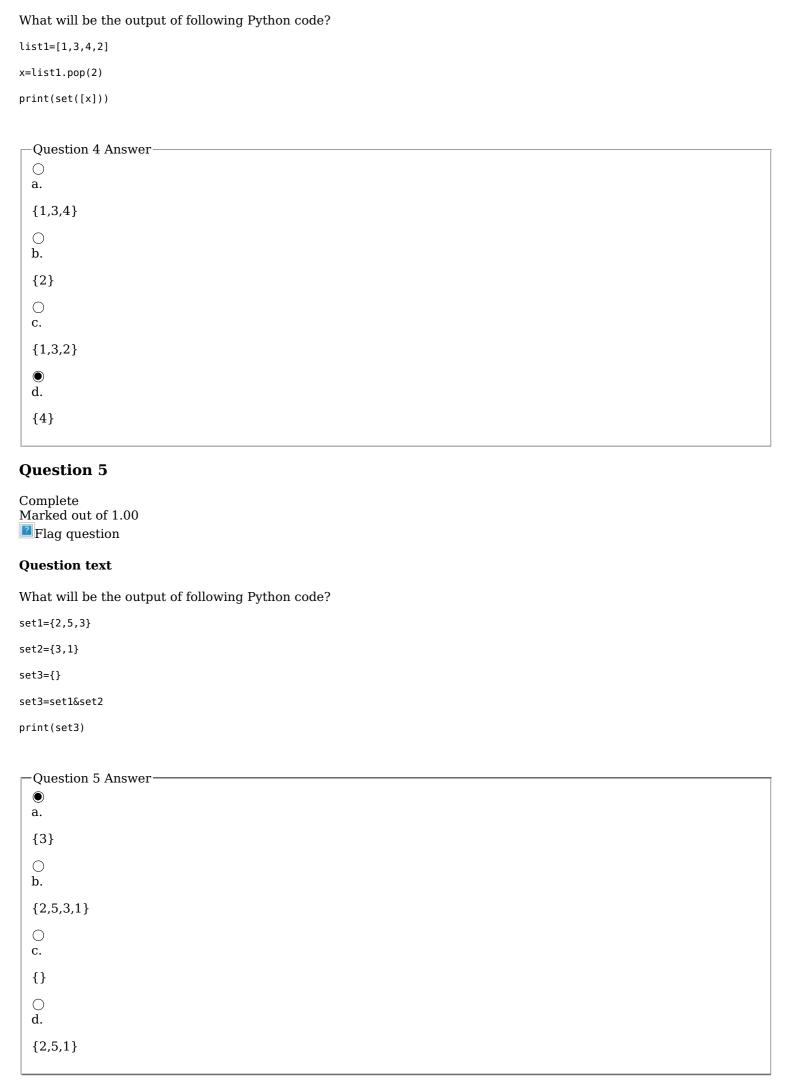
sampleSet = {"ECE", "R&A", "MCT"} Ouestion 2 Answer  $\bigcirc$ a. del.sampleSet("ECE") b. sampleSet.discard("ECE")  $\bigcirc$ c. sampleSet.delete("ECE")  $\bigcirc$ d. remove.sampleSet("ECE") **Question 3** Complete Marked out of 1.00 Flag question **Question text** What will be printed when the following code executes? a = ("Python Programming") print type(a) -Question 3 Answer  $\bigcirc$ a. <class 'int'>  $\bigcirc$ b. <class 'str'> c. <class 'tuple'>  $\bigcirc$ d. str

Select all the correct options to remove "ECE" from the set.

# **Question 4**

Complete
Marked out of 1.00

Flag question



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.

SynatxError: 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
Marked out of 1.00

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
Marked out of 1.00

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
Marked out of 1.00

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
Marked out of 1.00

Flag question

#### **Question text**

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

# **Question 11**

Complete
Marked out of 1.00
Flag question

#### **Question text**

What is the output of the following

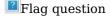
```
set1 = {10, 20, 30, 40, 50}
set2 = {60, 70, 10, 30, 40, 80, 20, 50}
print(set1.issubset(set2))
print(set2.issuperset(set1))
```

—Question 11 Answer—	
•	
a.	
True	
True	
○ b.	
False	
True	
○ c.	
True	
False	
○ d.	
False	
False	

# **Question 12**

Complete

Marked out of 1.00



#### **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
<ul><li>●</li><li>b.</li></ul>
False
C.
True
○ d.
Error
Question 13
Complete Marked out of 1.00
Flag question
Question text
Select which is true for Python tuple?
Ouestion 13 Answer a.
None of these
b.
A tuple is unordered
c. A tuple maintains the order of items
$igcup_{\mathbf{d}}$
We can change the tuple once created
Question 14
Complete Marked out of 1.00  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	
<ul><li>● C.</li></ul>	
Error	
○ d.	
1	

# **Question 15**

Complete

Marked out of 1.00

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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