CS23336-Introduction to Python Programming

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Question 1

Complete
Marked out of 1.00
Flag question

Question text

Which of the following options will not result in an error when performed on tuples in Python where tupl=(5,2,7,0,3)?

Question 1 Answer

○ a.

tupl.sort()

○ b.

tupl[1]=2

○ c.

tupl.append(2)

◉ d.

tupl1=tupl+tupl

Question 2

Complete
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Question text

Which of the following Python code will create a set?

(i) set1=set((0,9,0))
(ii) set1=set([0,2,9])
(iii) set1={}

Question 2 Answer

○ a.

All of the above

○ b.

ii

◉ c.

i,ii

○
d.

iii

Question 3

Complete
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Question text

What will set1|set2 do?

```
If set1={"a","b",3}
set2={3,7}
```

┌─Question 3 Answer───┐
○
a.

Elements of set2 will get appended to set1

◉
b.
A new set will be created with the unique elements of set1 and set2.
○
c.

Elements of set1 will get appended to set2

○
d.

A new set will be created with the elements of both set1 and set2
└───┘

Question 4

Complete
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Question text

What will be the output of below Python code?

```
tupl=("python","programming","Computer")
print(tupl[-3:0])
```

┌─Question 4 Answer───┐
◉
a.

Error

○
b.

()

○
c.

(Computer)

○
d.
Computer

Question 5

Complete
Marked out of 1.00
⬚ Flag question

Question text

Which of the following is a Python tuple?

Question 5 Answer

◉ a.

(1,4,5,6,7)

○ b.

[1,2,3,4]

○ c.

{1,3,8,9,41}

○ d.

("Wonder")

Question 6

Complete
Marked out of 1.00
⬚ Flag question

Question text

What is the output of the following code

```
aSet = {1, 'rec', ('cse', 'ece'), True}
print(aSet)
```

Question 6 Answer

○ a.

Error

◉ b.

{'rec', 1, ('cse', 'ece'),True}

○ c.

{'rec', True, ('cse', 'ece')}

○ d.

{'rec', 1, ('cse', 'ece')}

Question 7

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 7 Answer

○ a.

SynatxError: Different types cannot be used with sets

◉ b.
{40, 10, '10', 50, 20, 60, 30}

○ c.

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

○ d.

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

Question 8

Complete
Marked out of 1.00
Flag question

Question text

 Find the output of the given Python program?

t1 = (55, 44, 33, 22, 11)

x = [t1[i] for i in range(0, len(t1), 2)]

print(x)

Question 8 Answer

◉ a.

[55, 33, 11]

○ b.

([55,33,11])

○ c.

(55,33,11)

○

d.

[(55,33,11)]

Question 9

Complete
Marked out of 1.00

Flag question

Question text

Select which is true for Python tuple?

Question 9 Answer

○
a.

We can change the tuple once created

○
b.

A tuple is unordered

○
c.

None of these

◉
d.
A tuple maintains the order of items

Question 10

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 10 Answer

◉
a.

<class 'str'>

○
b.

<class 'tuple'>

○
c.

str

○
d.

Question 11

Complete
Marked out of 1.00
? Flag question

Question text

What is the output of the given below program?

t = (58, 47, 36, 25, 14, 3)

x = t[2:-1]

print(x)

┌─Question 11 Answer─────────────────────────────────┐
◉
a.

(36, 25, 14)

○
b.

(58,47,36,25)

○
c.

Error

○
d.

(3,14,25)
└──┘

Question 12

Complete
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Question text

Find the output of the given Python program?

t = (11, 3)

x = 3 * t

print(x)

┌─Question 12 Answer─────────────────────────────────┐
◉
a.

(11, 3, 11, 3, 11, 3)

○
b.

(11,3,11,11,3,11,11,11,3)

○
c.

(11,3)(11,3)(11,3)

○
d.

[11,11,11,3,3,3]
└──┘

Question 13

Complete
Marked out of 1.00

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 13 Answer

○ a.

True

False

◉ b.

True

True

○ c.

False

False

○ d.

False

True

Question 14

Complete
Marked out of 1.00

Question text

What is the output of the following

```
set1 = {1, 2, 3, 4, 5}
set2 = {6, 7, 1, 3, 4, 8, 2, 5}

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

Question 14 Answer

○ a.

True

False

○ b.

False

True

◉ c.

True

True

○ d.

False

False

Question 15

Complete
Marked out of 1.00

Question text

What is the output of the following set operation

```
sampleSet = {"Yellow", "Orange", "Black"}
sampleSet.update(["Blue", "Green", "Red"])
print(sampleSet)
```

---Question 15 Answer---

○ a.
Name Error

○ b.

{'Yellow', 'Orange', 'Red', 'Black', 'Green', 'Blue'}

○ c.

{'Yellow', 'Orange', 'Black', ["Blue", "Green", "Red"]}

◉ d.

TypeError: update() doesn't allow list as a argument.

Quiz navigation