CS23336-Introduction to Python Programming

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Question 1

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 1 Answer

○ a.

False

False

○ b.

True

False

◉ c.

True

True

○ d.

False

True

Question 2

Complete
Marked out of 1.00
 Flag question

Question text

Choose the correct option.

Question 2 Answer

○ a.

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

○ b.

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

○ c.

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

◉ d.

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

Question 3

Complete
Marked out of 1.00
⬜ Flag question

Question text

```
What is the output of the following code?

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

Question 3 Answer

◉ a.

(30, 40, 50) (10, 20, 30, 40) (40, 50, 60, 70, 80)

○ b.

(10, 20, 30, 40) (40, 50, 60, 70, 80)

○ c.

(30, 40, 50) (10, 20, 30, 40)

○ d.

(30, 40, 50)(40, 50, 60, 70, 80)

Question 4

Complete
Marked out of 1.00
⬜ Flag question

Question text

Write the Output of the following Code?

t = (15,83,83,52,60,45,52,85,100)

print(min(t)+max(t)+t.count(52))

Question 4 Answer

○ a.

Error

○
b.

100

◉
c.

117

○
d.

2

Question 5

Complete
Marked out of 1.00
[?]Flag question

Question text

What is the output of the given below program?

```
t1 = (1,2,3)
t2 = (4,5,6)
x = t1+t2
print(x)
```

┌─Question 5 Answer──────────────────────────────
◉
a.

(1,2,3,4,5,6)

○
b.

Error

○
c.

(1,2,3)(4,5,6)

○
d.

(1,2,3,3,2,1)
└──

Question 6

Complete
Marked out of 1.00
[?]Flag question

Question text

Find the output of the given Python program?

```
>>>t = (1, 2, 4, 3, 8, 9)
```

```
>>>[t[i] for i in range(0, len(t), 2)]
```

┌─Question 6 Answer──────────────────────────────
○

a.

[2, 3, 9]

○
b.
[1, 2, 4, 3, 8, 9]
◉
c.

[1, 4, 8]

○
d.

(1, 4, 8)

Question 7

Complete
Marked out of 1.00
? Flag question

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 7 Answer────────────────────────
◉
a.

i,ii

○
b.

All of the above

○
c.

iii

○
d.

ii

Question 8

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 8 Answer────────────────────────
○
a.

tupl.sort()

○
b.

tupl.append(2)

○
c.

tupl[1]=2

◉
d.

tupl1=tupl+tupl

Question 9

Complete
Marked out of 1.00

Question text

What will be the output of following Python code?

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

```
print(set1)
```

┌─Question 9 Answer─────────────────────────────
◉
a.

{0,9}

○
b.

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

○
c.

{9}

○
d.

{0,0,9}

Question 10

Complete
Marked out of 1.00

Question text

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

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

┌─Question 10 Answer─────────────────────────────
◉
a.

sampleSet.discard("ECE")

○
b.

sampleSet.delete("ECE")

○

c.

remove.sampleSet("ECE")

○
d.

del.sampleSet("ECE")

Question 11

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 11 Answer─────────────────────────────
  ○
  a.

  {1,3,2}

  ○
  b.

  {1,3,4}

  ◉
  c.

  {4}

  ○
  d.

  {2}
└──

Question 12

Complete
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Flag question

Question text

What will be the output of below Python code?

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

┌─Question 12 Answer─────────────────────────────
  ○
  a.

  (Computer)

  ○
  b.
  Computer
  ◉

c.

Error

○
d.

()

Question 13

Complete
Marked out of 1.00
[?] Flag question

Question text

Find the output of the given Python program?

t = (11, 3)

x = 3 * t

print(x)

┌─Question 13 Answer──────────────────────────────────
│ ○
│ a.
│
│ [11,11,11,3,3,3]
│
│ ◉
│ b.
│
│ (11, 3, 11, 3, 11, 3)
│
│ ○
│ c.
│
│ (11,3,11,11,3,11,11,11,3)
│
│ ○
│ d.
│
│ (11,3)(11,3)(11,3)
└──

Question 14

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 14 Answer──────────────────────────────────
│ ○
│ a.
│
│ str
│
│ ○
│ b.
│
└──

○ c.

<class 'tuple'>

◉ d.

<class 'str'>

Question 15

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 15 Answer─────────────────────
○ a.

([55,33,11])

○ b.

[(55,33,11)]

◉ c.

[55, 33, 11]

○ d.

(55,33,11)
└──