CS23336-Introduction to Python Programming

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Question 1

Complete
Marked out of 1.00
Flag question

Question text

What will set1|set2 do?

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

---Question 1 Answer---

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

○
b.

Elements of set1 will get appended to set2

○
c.

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

○
d.

Elements of set2 will get appended to set1

Question 2

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 2 Answer---

○
a.

100

○
b.

Error

◉

c.

117

○ d.

2

Question 3

Complete
Marked out of 1.00
[?]Flag question

Question text

Which of the following is a Python tuple?

┌─Question 3 Answer─────────────────────────────
○
a.

{1,3,8,9,41}

○
b.

[1,2,3,4]

◉
c.

(1,4,5,6,7)

○
d.

("Wonder")
└───

Question 4

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 4 Answer─────────────────────────────
○
a.

5

◉
b.

Error

○
c.

2

○
d.

1

Question 5

Complete
Marked out of 1.00

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 5 Answer────────────────────────────
○
a.

"==" is not supported for set in Python

○
b.

Yes, Yes

○
c.

No, No

◉
d.

Yes, No

└──

Question 6

Complete
Marked out of 1.00

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 6 Answer─

○
a.

All of the above

◉
b.

i,ii

○
c.

iii

○
d.

ii

Question 7

Complete
Marked out of 1.00
▣ Flag question

Question text

What will be the output of the below Python code?

t1=(55,12,78,64,25)

t1.pop(12)

print(tuple1)

Question 7 Answer

○
a.

(55,78,64,25)

◉
b.

Error

○
c.

(12)

○
d.

12

Question 8

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)

○
a.

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

○
b.

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

○
c.

[11,11,11,3,3,3]

◉
d.

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

Question 9

Complete
Marked out of 1.00
⚑Flag question

Question text

Which of the following options will produce the same output?

```
t = (15, 83, 21, 49, 60,45,52,85,100)
# options i, ii, iii, or iv
print(t[:-1])
print(t[0:5])
print(t[0:8])
print(t[-7:])
```

─Question 9 Answer─

◉
a.

i,iii

○
b.

iii,iv

○
c.

ii,iv

○
d.

i,ii

Question 10

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)
```

○ a.

False

○ b.

True

○ c.

Error

○ d.

Error

Question 11

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 11 Answer

○ a.

{}

○ b.

{2,5,3,1}

○ c.

{2,5,1}

◉ d.

{3}

Question 12

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 12 Answer

○ a.

Error

○ b.

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

○ c.

(1,2,3,3,2,1)

○ d.

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

Question 13

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 13 Answer

◉ a.

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

○ b.

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

○ c.

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

○ d.

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

Question 14

Complete
Marked out of 1.00
⬚ Flag question

Question text

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

○ a.

False

◉ b.

True

Question 15

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 15 Answer

○ a.

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

○ b.

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

○ c.

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

◉ d.

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

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