RAJALAKSHMI ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

REC-OCATS-1

CS23336-Introduction to Python Programming

Started on Friday, 18 October 2024, 11:28 PM
State Finished
Completed on Friday, 18 October 2024, 11:47 PM
Time taken 18 mins 44 secs

Question 1

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 1 Answer───────────────────────────────
○
a.

i,ii

○
b.

ii

○
c.

iii

◉
d.

All of the above
└──

Question 2

Complete
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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.

Error

○

b.

2

◉

c.

117

○

d.

100

Question 3

Complete
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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 3 Answer──
│ ○
│ a.
│
│ [2, 3, 9]
│
│ ○
│ b.
│ [1, 2, 4, 3, 8, 9]
│ ○
│ c.
│
│ (1, 4, 8)
│
│ ◉
│ d.
│
│ [1, 4, 8]
└──

Question 4

Complete
Marked out of 1.00
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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.

{2}

◉ b.

{4}

○ c.

{1,3,4}

○ d.

{1,3,2}

Question 5

Complete
Marked out of 1.00
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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.

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

○ d.

(1,2,3)(4,5,6)
└──

Question 6

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 6 Answer──────────────────────────────────
○

a.

1

◉
b.

Error

○
c.

2

○
d.

5

Question 7

Question text

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

┌─Question 7 Answer───
│ ◉
│ a.
│
│ True
│
│ ○
│ b.
│
│ False
└──

Question 8

Question text

If a=(15,16,17,18,19,25), then a[1:-1] will be

Note :

a=(15,16,17,18,19,25)

print((a[1:-1]))

┌─Question 8 Answer───
│ ◉
│ a.
│
│ (16,17,18,19)
│
│ ○
│ b.
│
│ Error
│
│ ○
│ c.
│
│ (16,17,18)
│
│ ○
└──

d.

(25,19,18,17)

Question 9

Complete
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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 9 Answer

- ○ a.

  Error

- ◉ b.

  False

- ○ c.

  Error

- ○ d.

  True

Question 10

Complete
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Question text

What is the output of the following set operation

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

Question 10 Answer

- ○ a.

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

- ◉ b.

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

- ○ c.

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

○
d.
Name Error

Question 11

Complete
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Question text

Which of the following is a Python tuple?

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

(1,4,5,6,7)

○
b.

[1,2,3,4]

○
c.

("Wonder")

○
d.

{1,3,8,9,41}
└──

Question 12

Complete
Marked out of 1.00
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Question text

What is printed when the following code is run?

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

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

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

○
b.

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

◉
c.

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

○
d.

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

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, 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 14

Complete
Marked out of 1.00
☐⚐ Flag question

Question text

What will set1|set2 do?

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

---Question 14 Answer---

○
a.

Elements of set1 will get appended to set2

○
b.

Elements of set2 will get appended to set1

○
c.

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

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

Question 15

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 15 Answer───┐

○
a.

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

◉
b.

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

○
c.

Error

○
d.

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

└──┘

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