

CS23336-Introduction to Python Programming

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Time taken 15 mins 24 secs

Question 1

Complete

Marked out of 1.00

 Flag question

Question text

Choose the correct option.

Question 1 Answer

☐

a.

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

☐


d.

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

Question 2

Complete

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 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 2 Answer

☐

a.

12

☐

b.

(12)

☐

c.

(55,78,64,25)


☒ d.

Error

Question 3

Complete

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 Flag question

Question text

What is the output of the following set operation

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

Question 3 Answer

☒ a.

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

☐ b.

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

☐ c.

Name Error


☐ d.

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

Question 4

Complete

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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 4 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 5

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 5 Answer

☐

a.

[2, 3, 9]

☐

b.

(1, 4, 8)

☐

c.

[1, 2, 4, 3, 8, 9]

☒

d.

[1, 4, 8]

Question 6

Complete

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Flag question

Question text

What will set1|set2 do?

If set1={"a", "b", 3}

set2={3,7}

Question 6 Answer

☐

a.

Elements of set1 will get appended to set2

☒

b.

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

☐

c.

Elements of set2 will get appended to set1

☐


d.

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

Question 7

Complete

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 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.

SyntaxError: 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

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 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 8 Answer

☐

a.

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

☒

b.

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

☐

c.

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

☐


d.

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

Question 9

Complete

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 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 9 Answer

☒

a.

ii

☐

b.

iii

☐

c.

All of the above

☐


d.

i,ii

Question 10

Complete

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 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 10 Answer

☐

a.

Error



b.

117



c.

100



d.

2

Question 11

Complete

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Question text

What will be the output of following Python code?

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

```
print(set1)
```

Question 11 Answer



a.

{0,9}



b.

{0,0,9}



c.

{9}



d.

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

Question 12

Complete

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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 12 Answer



a.

(3,14,25)

☒ b.

(36, 25, 14)

☐ c.

(58,47,36,25)


☐ d.

Error

Question 13

Complete

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 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 13 Answer

☐ a.

ii,iv

☐ b.

iii,iv

☐ c.

i,iii


☒ d.

i,ii

Question 14

Complete

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 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)
```

Question 14 Answer

☒

- a.
False
☐
b.
True
☐
c.
Error
☐
d.
Error
☐

Question 15

Complete
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 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("no")
```

Question 15 Answer

- ☐
a.
Yes, Yes
☐
b.
Yes, No
☒
c.
No, No
☐
d.
"==" is not supported for set in Python

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