

CS23336-Introduction to Python Programming

Started on	Monday, 21 October 2024, 10:21 PM
State	Finished
Completed on	Monday, 21 October 2024, 10:43 PM
Time taken	22 mins 3 secs
Marks	12.00/15.00
Grade	80.00 out of 100.00

Question 1

Correct
Mark 1.00 out of 1.00
Flag question

Question text

Select all the correct options to remove “ECE” from the set.

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

Question 1 Answer

☐

a.

del.sampleSet("ECE")

☒

b.

sampleSet.discard("ECE")

☐

c.

remove.sampleSet("ECE")

☐

d.

sampleSet.delete("ECE")

Feedback

Your answer is correct.
The correct answer is:

sampleSet.discard("ECE")

Question 2

Incorrect
Mark 0.00 out of 1.00
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 2 Answer

☐

a.

{‘Yellow’, ‘Orange’, ‘Black’, [“Blue”, “Green”, “Red”]}

☒

b.
Name Error

☐

c.

{‘Yellow’, ‘Orange’, ‘Red’, ‘Black’, ‘Green’, ‘Blue’}

☐

d.

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

Feedback

Your answer is incorrect.
The correct answer is:

```
{‘Yellow’, ‘Orange’, ‘Red’, ‘Black’, ‘Green’, ‘Blue’}
```

Question 3

Correct
Mark 1.00 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.

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

☐

b.

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

☐

c.

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

☒

d.

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

Feedback

Your answer is correct.
The correct answer is:

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

Question 4

Correct
Mark 1.00 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.

100

☒

b.

117

☐

c.

2

☐

d.

Error

Feedback

Your answer is correct.
The correct answer is:

117

Question 5

Correct
Mark 1.00 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 5 Answer

☐

a.

[2, 3, 9]

☐

b.

(1, 4, 8)

☒

c.

[1, 4, 8]

☐

d.

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

Feedback

Your answer is correct.
The correct answer is:

[1, 4, 8]

Question 6

Correct
Mark 1.00 out of 1.00
Flag question

Question text

Which of the following is a Python tuple?

Question 6 Answer

☐

a.

[1,2,3,4]

☐

b.

{1,3,8,9,41}

☐

c.

("Wonder")

☒

d.

(1,4,5,6,7)

Feedback

Your answer is correct.
The correct answer is:

(1,4,5,6,7)

Question 7

Correct
Mark 1.00 out of 1.00
Flag question

Question text

Choose the correct option.

Question 7 Answer

☐

a.

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

☒

b.

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

☐

c.

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

☐

d.

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

Feedback

Your answer is correct.

The correct answer is:

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

Question 8

Incorrect

Mark 0.00 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 8 Answer

☐

a.

i,iii

☒

b.

iii,iv



c.

ii,iv



d.

i,ii

Feedback

Your answer is incorrect.
The correct answer is:

i,iii

Question 9

Correct
Mark 1.00 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 9 Answer



a.

([55,33,11])



b.

[55, 33, 11]



c.

[(55,33,11)]



d.

(55,33,11)

Feedback

Your answer is correct.
The correct answer is:

[55, 33, 11]

Question 10

Correct
Mark 1.00 out of 1.00
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 10 Answer



a.

Yes, No



b.

No, No



c.

Yes, Yes



d.

"==" is not supported for set in Python

Feedback

Your answer is correct.
The correct answer is:

Yes, No

Question 11

Incorrect
Mark 0.00 out of 1.00
Flag question

Question text

What will set1|set2 do?

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

Question 11 Answer

- ☒ a.
A new set will be created with the unique elements of set1 and set2.
- ☐ b.
A new set will be created with the elements of both set1 and set2
- ☐ c.
Elements of set1 will get appended to set2
- ☐ d.
Elements of set2 will get appended to set1

Feedback

Your answer is incorrect.
The correct answer is:

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

Question 12

Correct
Mark 1.00 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 12 Answer

☐

a.

Error

☐

b.

(3,14,25)

☒

c.

(36, 25, 14)

☐

d.

(58,47,36,25)

Feedback

Your answer is correct.

The correct answer is:

(36, 25, 14)

Question 13

Correct

Mark 1.00 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 13 Answer

☐

a.

{2,5,3,1}

☐

b.

{}

☐

c.

{2,5,1}

☒

d.

{3}

Feedback

Your answer is correct.

The correct answer is:

{3}

Question 14

Correct

Mark 1.00 out of 1.00

Flag question

Question text

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

Question 14 Answer

☒

a.

True

☐

b.

False

Feedback

Your answer is correct.

The correct answer is:

True

Question 15

Correct
Mark 1.00 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 15 Answer

☐

a.

12

☒

b.

Error

☐

c.

(12)

☐

d.

(55,78,64,25)

Feedback

Your answer is correct.
The correct answer is:

Error

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