CS23336-Introduction to Python Programming

Started on	Monday, 21 October 2024, 10:00 PM
State	Finished
Completed on	Monday, 21 October 2024, 10:17 PM
Time taken	17 mins 26 secs
Marks	9.00/15.00
Grade	**60.00** out of 100.00

Question 1

Correct
Mark 1.00 out of 1.00
Flag question

Question text

What will be printed when the following code executes?

```
a = ("Python Programming")
```

```
print type(a)
```

Question 1 Answer

○ a.

<class 'int'>

◉ b.

<class 'str'>

○ c.

str

○ d.

<class 'tuple'>

Feedback

Your answer is correct.
The correct answer is:

<class 'str'>

Question 2

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)]
```

Feedback

Your answer is correct.
The correct answer is:

[1, 4, 8]

Question 3

Correct
Mark 1.00 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.   │
│   │
│ ("Wonder")   │
│   │
│ ○   │
│ c.   │
│   │
│ [1,2,3,4]   │
│   │
│ ◉   │
│ d.   │
│   │
│ (1,4,5,6,7)   │
└──┘

Feedback

Your answer is correct.
The correct answer is:

(1,4,5,6,7)

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.

Error

○
b.

2

◉
c.

117

○
d.

100

Feedback

Your answer is correct.
The correct answer is:

117

Question 5

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 5 Answer---

○
a.

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

◉
b.

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

○
c.
Name Error

○

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 6

Incorrect
Mark 0.00 out of 1.00
🔲 Flag question

Question text

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

┌─Question 6 Answer───┐
◉

a.

False

○

b.

True
└───┘

Feedback

Your answer is incorrect.
The correct answer is:

True

Question 7

Correct
Mark 1.00 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)
```

┌─Question 7 Answer───┐
○

a.

Error

○

b.

True

○
└───┘

c.

Error

◉
d.

False

Feedback

Your answer is correct.
The correct answers are:

False,

Error

Question 8

Correct
Mark 1.00 out of 1.00
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 8 Answer

○
a.

SynatxError: Different types cannot be used with sets

○
b.

{40, 10, 50, 20, 60, 30}

○
c.

{40, '10', 50, 20, 60, 30}

◉
d.
{40, 10, '10', 50, 20, 60, 30}

Feedback

Your answer is correct.
The correct answer is: {40, 10, '10', 50, 20, 60, 30}

Question 9

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)
```

Feedback

Your answer is correct.
The correct answer is:

{3}

Question 10

Incorrect
Mark 0.00 out of 1.00
⚑Flag question

Question text

Select which is true for Python tuple?

┌─Question 10 Answer───┐
○
a.

A tuple is unordered

○
b.
A tuple maintains the order of items
◉
c.

We can change the tuple once created

○
d.

None of these
└──┘

Feedback

Your answer is incorrect.
The correct answer is: A tuple maintains the order of items

Question 11

Incorrect
Mark 0.00 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 11 Answer───┐
│ ◉   │
│ a.   │
│   │
│ No, No   │
│   │
│ ○   │
│ b.   │
│   │
│ Yes, Yes   │
│   │
│ ○   │
│ c.   │
│   │
│ Yes, No   │
│   │
│ ○   │
│ d.   │
│   │
│ "==" is not supported for set in Python   │
│   │
└──┘

Feedback

Your answer is incorrect.
The correct answer is:

Yes, No

Question 12

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"}
```

Feedback

Your answer is correct.
The correct answer is:

sampleSet.discard("ECE")

Question 13

Incorrect
Mark 0.00 out of 1.00
[?]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]))
```

Feedback

Your answer is incorrect.
The correct answer is:

{4}

Question 14

Correct
Mark 1.00 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 14 Answer---

○ a.

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

○ b.

Error

○ c.

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

◉ d.

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

Feedback

Your answer is correct.
The correct answer is:

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

Question 15

Incorrect
Mark 0.00 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.

Error

○ b.

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

○
c.

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

○
d.

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

Feedback

Your answer is incorrect.
The correct answer is:

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

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