# **CS23336-Introduction to Python Programming**

Started on Monday, 21 October 2024, 8:38 PM

State Finished

Completed on Monday, 21 October 2024, 8:57 PM

**Time taken** 18 mins 38 secs **Marks** 11.00/15.00

**Grade 73.33** out of 100.00

## Question 1

Incorrect
Mark 0.00 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 1 Answer

```
a. {40, 10, '10', 50, 20, 60, 30}

b. {40, '10', 50, 20, 60, 30}
```

SynatxError: Different types cannot be used with sets

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

# Feedback

 $\bigcirc$ 

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

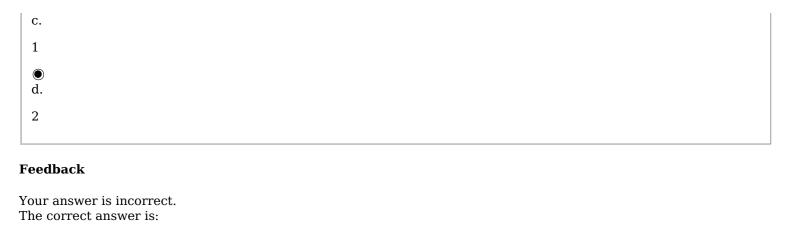
# **Question 2**

Correct
Mark 1.00 out of 1.00

Flag question

#### **Question text**

What is the output of the following set1 = {10, 20, 30, 40, 50} set2 = {60, 70, 10, 30, 40, 80, 20, 50} print(set1.issubset(set2)) print(set2.issuperset(set1)) Question 2 Answer a. True True  $\bigcirc$ b. False False  $\bigcirc$ c. False True  $\bigcirc$ True False Feedback Your answer is correct. The correct answer is: True True **Question 3** Incorrect Mark 0.00 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 3 Answer  $\bigcirc$ a. 5  $\bigcirc$ b. Error  $\bigcirc$ 



Error

# **Question 4**

Correct
Mark 1.00 out of 1.00
Flag question

#### **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 4 Answer

a.

(16,17,18)

b.

(16,17,18,19)

c.

(25,19,18,17)

d.

Error
```

## Feedback

Your answer is correct. The correct answer is:

(16,17,18,19)

# **Question 5**

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)
```

#### **Feedback**

Your answer is correct. The correct answer is:

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

# **Question 6**

Incorrect
Mark 0.00 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 6 Answer

a.

[2, 3, 9]

b.

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

c.

[1, 4, 8]

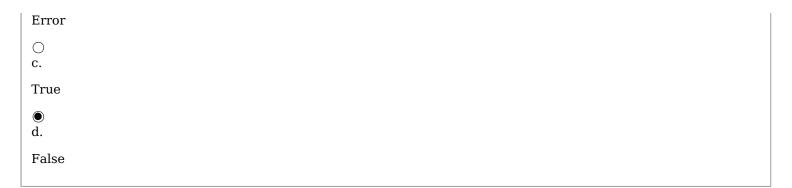
d.

(1, 4, 8)
```

#### **Feedback**

Your answer is incorrect.

The correct answer is:
[1, 4, 8]
Question 7
Correct Mark 1.00 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)
<pre>print(set([x]))</pre>
Question 7 Answer  a. {2}  b.  {4}  C.  {1,3,4}  C.  {1,3,2}
Feedback  Your answer is correct. The correct answer is:
{4}
Question 8
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 8 Answer  a.  Error  b.



# **Feedback**

Your answer is correct. The correct answers are:

False,

Error

# **Question 9**

Correct
Mark 1.00 out of 1.00

Flag question

# **Question text**

Which of the following is a Python tuple?

```
Question 9 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 10**

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 10 Answer a. (36, 25, 14) $\bigcirc$ b. (58,47,36,25) $\bigcirc$ (3,14,25) $\bigcirc$ d. Error **Feedback** Your answer is correct. The correct answer is:

(36, 25, 14)

# **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

 $\bigcirc$ a.

Elements of set2 will get appended to set1



b.

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

Elements of set1 will get appended to set2

○ d.

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

## **Feedback**

Your answer is incorrect.

The correct answer is:

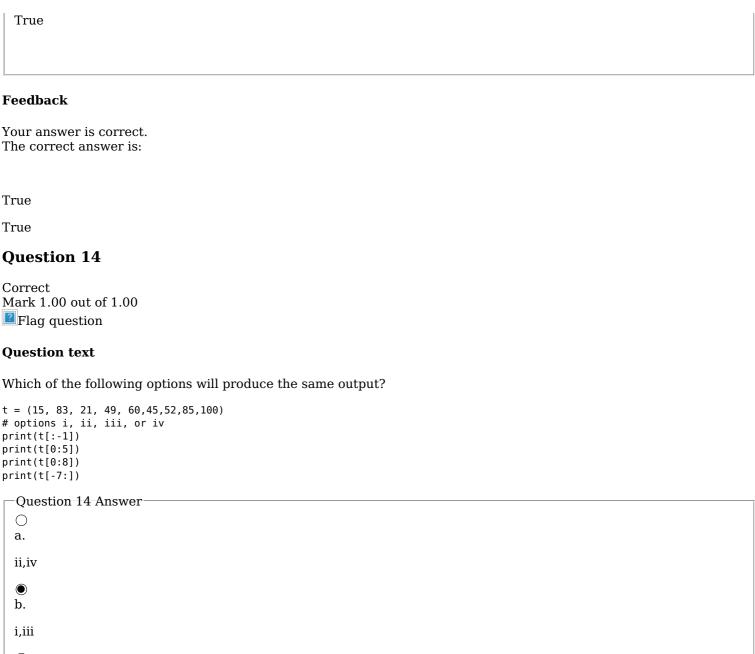
A new set will be created with the elements of both set1 and set2

# **Question 12**

Correct Mark 1.00 out of 1.00  Flag question
Question text
A python tuple can be created without using any parentheses. (True/False)
Ouestion 12 Answer  a. False  ●
b. True
Feedback
Your answer is correct. The correct answer is:
True
Question 13
Correct Mark 1.00 out of 1.00  Flag question
Question text
What is the output of the following
set1 = {1, 2, 3, 4, 5} set2 = {6, 7, 1, 3, 4, 8, 2, 5}
<pre>print(set1.issubset(set2)) print(set2.issuperset(set1))</pre>
Question 13 Answer  a. False
False
O b. True
False
C. True
True

○ d.

False



 $\bigcirc$ 

C.

i,ii

 $\dot{\circ}$ 

iii,iv

# Feedback

Your answer is correct. The correct answer is:

i,iii

# **Question 15**

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")
    print("no")
  Question 15 Answer
  \bigcirc
  a.
  No, No
  \bigcirc
  b.
  Yes, Yes
```

## **Feedback**

Yes, No

○ d.

Your answer is correct. The correct answer is:

"==" is not supported for set in Python

Yes, No

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