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State Finished

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Time taken 4 mins 26 secs

Grade 70.00 out of 100.00

Question 1

Correct

10.00 points out of 10.00

```
x = 5
y = 4
if x > y:
    print y
else:
    print x
```

Select one or more:

☒ 4 ✓☐ 5

Your answer is correct.

The correct answer is: 4

Question 2

Correct

10.00 points out of 10.00

A Boolean expression using the and operator returns True when

Select one or more:

☒ both operands are true ✓☐ neither operand is true☐ one operand is true

Your answer is correct.

The correct answer is: both operands are true

Question 3

Correct

10.00 points out of 10.00

What is the output of the loop for count in range(5):
print count?

Select one or more:

- ☐ 1 2 3 4 5
- ☒ 0 1 2 3 4 ✓
- ☐ 1 2 3 4

Your answer is correct.

The correct answer is: 0 1 2 3 4

Question 4

Incorrect

0.00 points out of 10.00

When the function range receives two arguments, what does the
second argument specify?

Select one or more:

- ☐ the last value of a sequence of integers plus 1
- ☐ the last value of a sequence of integers minus 1
- ☒ the last value of a sequence of integers ✗

Your answer is incorrect.

The correct answer is: the last value of a sequence of integers minus 1

Question 5

Correct

10.00 points out of 10.00

```
sum = 0.0
while true:
    number =input("Enter a number: ")
    if number == "":
        break
    sum += float(number)
```

Select one or more:

- ☐ none
- ☐ at least one
- ☒ zero or more ✓
- ☐ ten

Your answer is correct.

The correct answer is: zero or more

Question 6

Correct

10.00 points out of 10.00

How many times does a loop with the header for count in range(10): execute the statements in its body?

Select one or more:

- ☐ 9 times
- ☐ 11 times
- ☒ 10 times ✓

Your answer is correct.

The correct answer is: 10 times

Question 7

Incorrect

0.00 points out of 10.00

A for loop is convenient for

Select one or more:

- ☒ running a set of statements a predictable number of times ✓
- ☒ counting through a sequence of numbers ✗
- ☐ describing conditional iteration
- ☐ making choices in a program

Your answer is incorrect.

The correct answer is: running a set of statements a predictable number of times

Question 8

Correct

10.00 points out of 10.00

Consider the following code segment:

```
count = 5
while count > 1:
    print count,
    count -= 1
```

Select one or more:

- ☐ 5 4 3 2 1
- ☐ 2 3 4 5
- ☒ 5 4 3 2 ✓
- ☐ 1 2 3 4 5

Your answer is correct.

The correct answer is: 5 4 3 2

Question 9

Correct

10.00 points out of 10.00

```
count = 1
while count <= 10:
    print count,
```

Select one or more:

- ☒ The loop is infinite. ✓
- ☐ The comparison points the wrong way.
- ☐ The loop is off by 1.
- ☐ The loop control variable is not properly initialized.

Your answer is correct.

The correct answer is: The loop is infinite.

Question 10

Incorrect

0.00 points out of 10.00

By default the while loop is an

Select one or more:

- ☐ entry-controlled loop
- ☒ exit-controlled loop ✗

Your answer is incorrect.

The correct answer is: entry-controlled loop

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