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Started on Friday, 10 June 2022, 9:59 AM

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Completed on Friday, 10 June 2022, 10:17 AM

Time taken 18 mins 13 secs

Grade 10.00 out of 10.00 (100.00%)

Question 1

Correct

Mark 1.00 out of 1.00

What error occurs when you execute the following Python code snippet?

Fruit = kiwi

Select one:

- ☐ a. type_error
- ☒ b. Name_error ✓
- ☐ c. value_error
- ☐ d. syntax_error

Your answer is correct.

The correct answer is: Name_error

Question 2

Correct

Mark 1.00 out of 1.00

For the following program

```
i = 1:
while True:
    if i%3 == 0:
        break
    print(i)
```

The correct output will be:

Select one:

- ☒ a. Invalid Syntax ✓
- ☐ b. 123
- ☐ c. 321
- ☐ d. 1 2

Your answer is correct.

The correct answer is: Invalid Syntax

Question 3

Correct

Mark 1.00 out of 1.00

What will be the output of the following program:

```
d = {0,1,2}
for x in d:
    print(x)
```

Select one:

- ☐ a. none of the above
- ☐ b. {0,1,2}{0,1,2}{0,1,2}
- ☐ c. 0 1 2
- ☒ d. 0
1
2 ✓

Your answer is correct.

The correct answer is:

0
1
2

Question 4

Correct

Mark 1.00 out of 1.00

In a Python program, a control structure

Select one:

- ☐ a. Define program-specific data structure
- ☐ b. Manages the input and output of control characters
- ☒ c. Directs the order of execution of the statements in the program ✓
- ☐ d. Dictate what happens before the program starts and after it terminates

Your answer is correct.

The correct answer is: Directs the order of execution of the statements in the program

Question 5

Correct

Mark 1.00 out of 1.00

What will be the output of given Python code?

```
n = 7
c = 0
while(n):
    if(n>5):
        c = c+n+1
        n = n-1
    else:
        break
print(n)
print(c)
```

Select one:

- ☐ a. 3
- ☒ b. 5
15 | ✓
- ☐ c. 5
2
- ☐ d. 5
2

Your answer is correct.

The correct answer is: 5
15 |

Question 6

Correct

Mark 1.00 out of 1.00

For the following statement `z = {"x":0, "y":1}`

Which of the following is the correct statement?

Select one:

- ☒ a. All the given options✓
- ☐ b. 0 and 1 are the values of dictionary z
- ☐ c. x and y are the keys of dictionary z
- ☐ d. Dictionary z is created

Your answer is correct.

The correct answer is: All the given options

Question 7

Correct

Mark 1.00 out of 1.00

Which of these is not a core data type?

Select one:

- ☐ a. dictionary
- ☐ b. list
- ☒ c. class✓
- ☐ d. tuple

Your answer is correct.

The correct answer is: class

Question 8

Correct

Mark 1.00 out of 1.00

What is the output of the following program

```
i = 0
while i < 5:
    print(i)
    i += 1
    if i == 3:
        break
else:
    print(0)
```

Select one:

- ☐ a. 0 1 2 3
- ☐ b. 0 1 2 3 0
- ☒ c. 0 1 2 ✓
- ☐ d. 0 1 2 0

Your answer is correct.

The correct answer is: 0 1 2

Question 9

Correct

Mark 1.00 out of 1.00

What will be the output of statement $2^{**2^{**2^{**2}}}$.

Select one:

- ☐ a. 256
- ☒ b. 65536 ✓
- ☐ c. 16
- ☐ d. 32768

Your answer is correct.

The correct answer is: 65536

Question 10

Correct

Mark 1.00 out of 1.00

Which predefined Python function is used to find length of string?

Select one:

- ☐ a. length()
- ☒ b. len()✓
- ☐ c. strlen()
- ☐ d. stringlength()

Your answer is correct.

The correct answer is: len()