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Started on Tuesday, 1 December 2020, 6:30 PM

State Finished

Completed on Tuesday, 1 December 2020, 6:44 PM

Time taken 14 mins 46 secs

Grade 10.00 out of 15.00 (67%)

Question 1

Complete

Mark 1.00 out of

1.00

```
a = 56;  
b = -8;  
c = a % b;  
d = b % a;  
print(c , " , " , d)
```

Select one:

- ☒ a. 0, 48
- ☐ b. 1, -8
- ☐ c. 1, -48
- ☐ d. 0, 8

Question 2

Complete

Mark 0.00 out of

1.00

```
x = y = 1
while x < 4:
    x += 1
    while y < 3:
        print(y, end=' ')
        y += 1
```

Select one:

- ☐ a. 1 2 1 2 1 2
- ☐ b. 1 1 2 2
- ☒ c. 1 2 3 4
- ☐ d. 1 2

Question 3

Complete

Mark 1.00 out of

1.00

```
a = 0b01010
b = 0xA4
c = 0o147
print(a)
print(b)
```

Select one:

- ☒ a. 10
164
103
- ☐ b. 0b01010
0xA4
0o147
- ☐ c. 10
104
147
- ☐ d. 01010
A4
147

Question 4

Complete

Mark 0.00 out of

1.00

```
x = {0:4, 1:8, 2:16, 3:32}
y = 8 in x
print(y)
```

Select one:

- ☐ a. 1
- ☒ b. False
- ☐ c. 2
- ☐ d. False

Question 5

Complete

Mark 1.00 out of

1.00

Which of the following function can be used to find the data type of a variable?

Select one:

- ☐ a. data()
- ☐ b. class()
- ☒ c. type()
- ☐ d. id()

Question 6

Complete

Mark 1.00 out of

1.00

Predict the output

```
a = 75
b = 14 - 32
if a > 70 and b < 20 :
    print("a = ", a," b = ", b)
    if b == -97 or a < 100 :
        print("a = ", a+1 , " b = " , b-2)
```

Select one:

- ☐ a. a = 70 b = -95
a = 72 b = -96
- ☐ b. a = 71.5 b = -95.125
a = 72.5 b = -95.725
- ☐ c. a = 70 b = -95.125
a = 72 b = -96.0
- ☒ d. a = 75 b = -18
a = 76 b = -20

Question 7

Complete

Mark 1.00 out of

1.00

```
a = 128
print(~a)
```

Select one:

- ☐ a. 129
- ☐ b. Compilation error
- ☐ c. 130
- ☒ d. -129

Question 8

Not answered

Marked out of

1.00

```
num = 4.5
if num//10 :
    print("Bennett")
elif (num > 5):
    print("University")
else :
    print("Computer Science")
```

Select one:

- ☐ a. Bennett
- ☐ b. University
- ☐ c. Compilation Error
- ☐ d. Computer Science

Question 9

Complete

Mark 1.00 out of

1.00

```
x = 50
if x > 10 and x < 15:
    print('true')
elif x > 15 and x < 25:
    print('not true')
elif x > 25 and x < 35:
    print('false')
else:
    print('not false')
```

Select one:

- ☐ a. true
- ☒ b. not false
- ☐ c. false
- ☐ d. not true

Question 10

Complete

Mark 1.00 out of

1.00

```
x = ['Sunday', 'Monday', 'Tuesday']  
y = x[1] + x[2]  
print(y)
```

Select one:

- ☒ a. MondayTuesday
- ☐ b. Tuesday Monday
- ☐ c. SundayMonday
- ☐ d. Compilation error

Question 11

Complete

Mark 1.00 out of

1.00

```
x = ((0.0, 1.0, 2.0), ("ABC"))  
y = x[0][1]  
print(y)
```

Select one:

- ☐ a. Compilation Error
- ☒ b. 1.0
- ☐ c. 0.0
- ☐ d. 6.0

Question 12

Not answered

Marked out of

1.00

```
x = {'z:1', 'y:2', 'x:3'}  
for i in x:  
    print(i, end=' ')
```

Select one:

- ☐ a. 1 2 3
- ☐ b. x y z
- ☐ c. Compilation error
- ☐ d. y:2 x:3 z:1

Question 13

Complete

Mark 1.00 out of

1.00

```
x = 1
y = 4
while x * y < 10:
    print(y, end="")
    y += 1
```

Select one:

- ☐ a. 416643245
- ☒ b. 456789
- ☐ c. 48162432
- ☐ d. 467542323

Question 14

Complete

Mark 0.00 out of

1.00

Which of the following is used to initialize multiple variables with a common value?

Select one:

- ☐ a. X = 50 : Y = 50
- ☐ b. X & Y & Z = 50
- ☒ c. X,Y = 50,100
- ☐ d. X = Y = Z = 50

Question 15

Complete

Mark 1.00 out of

1.00

```
male = None
age = 30
if( male ) :
    if( age < 20 ) :
        print("Boy")
    else :
        print("Man")
else :
    if( age < 20 ) :
        print("Girl")
    else :
        print("Woman")
```

Select one:

- ☐ a. Boy
- ☐ b. Man
- ☐ c. Girl
- ☒ d. Woman