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Started on	Friday, 22 May 2020, 2:53 PM
State	Finished
Completed on	Friday, 22 May 2020, 3:08 PM
Time taken	14 mins 40 secs
Grade	7.00 out of 10.00 (70%)



Question 1

Correct

Mark 1.00 out of 1.00

What does the code output?

```
var i = 0;
while (i < 3) {
    println("hi");
    i++;
}
```

Select one:

☐ a. hi

☒ b. hi
hi
hi ✓

☐ c. hi
hi

Your answer is correct.

The correct answer is:

```
hi  
hi  
hi
```

Question **2**

Incorrect

Mark 0.00 out of 1.00

Which of the following sequences would be generated by the given line of code?

```
range (5, 0, -2)
```

Select one:

- ☐ a. 5 4 3 2 1 0
- ☐ b. 5 4 3 2 1 0 -1
- ☒ c. None of the above ✖
- ☐ d. 5 3 1

Your answer is incorrect.

The correct answer is: 5 3 1



Question **3**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code?

```
x = ['ab', 'cd']  
for i in x:  
    i.upper()  
print(x)
```

Select one:

- ☒ a. ['ab', 'cd'] ✓
- ☐ b. ['AB', 'CD']
- ☐ c. [None, None]
- ☐ d. none of the mentioned

Your answer is correct.

The correct answer is: ['ab', 'cd']



Question **4**

Correct

Mark 1.00 out of 1.00

What is the output of the following?

```
x = 'abcd'
for i in x:
    print(i.upper())
```

Select one:

- ☐ a. a B C D
- ☐ b. error
- ☒ c. A B C D ✓
- ☐ d. a b c d

Your answer is correct.

The correct answer is: A B C D



Question **5**

Correct

Mark 1.00 out of 1.00

You have a list which contains ten elements. Which of the following uses of range() would produce a list of the indexes in the list?

Select one:

- ☐ a. range(1,10)
- ☒ b. range(10) ✓
- ☐ c. range(1,9)
- ☐ d. range(0,9)

Your answer is correct.

The correct answer is: range(10)



Question 6

Incorrect

Mark 0.00 out of 1.00

What is the output?

```
x = 0
while (x < 100):
    x+=2
    print(x)
```

Select one:

- ☐ a. 100
- ☐ b. 99
- ☒ c. None of the above, this is an infinite loop ✖
- ☐ d. 101

Your answer is incorrect.

The correct answer is: 100



Question **7**

Correct

Mark 1.00 out of 1.00

Which of the following sequences would be generated by implementing for loop with the given range?

```
for num in range(2, -5, -1):  
    print(num, end=" ", " ")
```

Select one:

- ☐ a. 2, 1, 0, -1, -2, -3, -4, -5
- ☒ b. 2, 1, 0, -1, -2, -3, -4 ✓
- ☐ c. 2, 1, 0

Your answer is correct.

The correct answer is: 2, 1, 0, -1, -2, -3, -4



Question 8

Correct

Mark 1.00 out of 1.00

What is the output of the following nested loop?

```
numbers = [10, 20]
items = ["Chair", "Table"]

for x in numbers:
    for y in items:
        print(x, y)
```

Select one:

- ☐ a. 10 Chair
10 Table
- ☒ b. 10 Chair
10 Table
20 Chair
20 Table

Your answer is correct.

The correct answer is:

- 10 Chair
- 10 Table
- 20 Chair
- 20 Table

Question 9

Correct

Mark 1.00 out of 1.00

Which of the following Python code will give different output from the others?

Select one:

- ☐ a. `for i in range(0,5):`
`print(i)`
- ☐ b. `for l in range(0,5,1):`
`print(l)`
- ☐ c. `for j in [0,1,2,3,4]:`
`print(j)`
- ☒ d. `for k in [0,1,2,3,4,5]:` ✓
`print(k)`

Your answer is correct.

The correct answer is: `for k in [0,1,2,3,4,5]:`
`print(k)`



Question **10**

Incorrect

Mark 0.00 out of 1.00

Which of the following is a valid for loop in Python?

Select one:

- ☒ a. for i in range(5) ✖
- ☐ b. for i in range(0,5)
- ☐ c. for(i=0; i < n; i++)
- ☐ d. for i in range(0,5):

Your answer is incorrect.

The correct answer is: for i in range(0,5):



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