



Dashboard > My courses > ECSE105L (Group 2) > 1 February - 7 February > PYTHON ONLINE QUIZ-3 (for EB11 to EB19) from 10:30 AM to 10:50 AM

Started on Saturday, 6 February 2021, 10:30 AM

State Finished

Completed on Saturday, 6 February 2021, 10:50 AM

Time taken 20 mins 1 sec

Grade 12.00 out of 15.00 (80%)

Question 1

Complete

Mark 0.00 out of

1.00

Select the correct way to print Emma's age.

```
student = {1: {'name': 'Emma', 'age': '27', 'sex': 'Female'},  
           2: {'name': 'Mike', 'age': '22', 'sex': 'Male'}}
```

Select one:

- ☐ a. student[0][1]
- ☒ b. student[0]['age']
- ☐ c. student[1]['age']

The correct answer is: student[1]['age']

Question 2

Complete

Mark 0.00 out of

1.00

What is the output of the below Python code?

```
def fun1(n):  
    if n == 2:  
        return [2]  
    else:  
        line = [1]  
        pline = fun1(n-1)  
        for i in range(len(pline)-1):  
            line.append(pline[i] + pline[i+1])  
        line += [1]  
    return line  
print(fun1(5))
```

Select one:

- ☐ a. [1, 3, 3, 1]
- ☒ b. [1, 1]
- ☐ c. [1, 3, 3]
- ☐ d. [1, 1, 3]

The correct answer is: [1, 3, 3, 1]

Question 3

Complete

Mark 1.00 out of

1.00

Which of following is the correct modes for both writing and reading a file in binary format?

Select one:

- ☐ a. wb
- ☐ b. rb+
- ☒ c. wb+
- ☐ d. w

The correct answer is: wb+

Question 4

Complete

Mark 1.00 out of

1.00

What is the output of the below Python code?

```
sampleSet = {"Yellow", "Orange", "Black"}  
print(sampleSet[1])
```

Select one:

- ☐ a. Orange
- ☐ b. Yellow
- ☒ c. Syntax Error

The correct answer is: Syntax Error

Question 5

Complete

Mark 1.00 out of

1.00

What is the output of the following function call?

```
def cmix(a, b):  
    newa = b[:2] + a[2:]  
    newb = a[:2] + b[2:]  
  
    return newa + ' ' + newb  
print(cmix('xyz', 'abc'))
```

Select one:

- ☒ a. abz xyc
- ☐ b. aby xyc
- ☐ c. ayb xcz
- ☐ d. abc xyz

The correct answer is: abz xyc

Question 6

Complete

Mark 1.00 out of

1.00

Select the correct ways to get the value of marks key.

```
student = {  
  "name": "Emma",  
  "class": 9,  
  "marks": 75  
}
```

Select one:

- ☐ a. m = student[2]
- ☐ b. m = student({'marks'})
- ☒ c. m = student.get ('marks')
- ☐ d. m = student.get(2)

The correct answer is: m = student.get ('marks')

Question 7

Complete

Mark 0.00 out of

1.00

Which of following is the correct statement for deleting a file?

Select one:

- ☐ a. os.remove('file')
- ☒ b. file.delete()
- ☐ c. os.delete('file')
- ☐ d. del('file')

The correct answer is: os.remove('file')

Question 8

Complete

Mark 1.00 out of

1.00

What is the output of the below Python code?

```
d=dict()
for x in range(1,15):
    d[x]=x**2+1
print(d[5])
```

Select one:

- ☐ a. 8
- ☐ b. 17
- ☐ c. 16
- ☒ d. 26

The correct answer is: 26

Question 9

Complete

Mark 1.00 out of

1.00

What is the output of the following code?

```
def rec(k):
    if(k > 1):
        global result
        result = k + rec(k - 2)
    else:
        result = 0
    return result
rec(5)
print(result)
```

Select one:

- ☐ a. 7
- ☐ b. 4
- ☐ c. 6
- ☒ d. 8

The correct answer is: 8

Question 10

Complete

Mark 1.00 out of
1.00

The `readlines()` method returns which one of the followings.

Select one:

- ☐ a. a list of single characters
- ☐ b. a list of integers
- ☒ c. a list of lines
- ☐ d. str

The correct answer is: a list of lines

Question 11

Complete

Mark 1.00 out of
1.00

Which of following is the correct statement for rename a file?

Select one:

- ☒ a. `os.rename(existing_name, new_name)`
- ☐ b. `fp.name = 'new_name.txt'`
- ☐ c. `os.rename(fp, new_name)`
- ☐ d. `os.set_name(existing_name, new_name)`

The correct answer is: `os.rename(existing_name, new_name)`

Question 12

Complete

Mark 1.00 out of
1.00

To generate a random float number between 20.5 to 50.5, which function of a random module I need to use-

Select one:

- ☐ a. `random.randrange(20.5, 50.5)`
- ☐ b. `random.random(20.5, 50.5)`
- ☐ c. `random.randfloat(20.5, 50.5)`
- ☒ d. `random.uniform(20.5, 50.5)`

The correct answer is: `random.uniform(20.5, 50.5)`

Question 13

Complete

Mark 1.00 out of

1.00

What is the output of the below Python code?

```
d1 = {'a': 500, 'b': 200}
d2 = {'x': 300, 'y': 200}
d = d1.copy()
d.update(d2)
print(d)
```

Select one:

- ☐ a. {'a': 500, 'b': 200}
- ☒ b. {'a': 500, 'b': 200, 'x': 300, 'y': 200}
- ☐ c. {'x': 300, 'y': 200}
- ☐ d. {'a': 300, 'b': 200}

The correct answer is: {'a': 500, 'b': 200, 'x': 300, 'y': 200}

Question 14

Complete

Mark 1.00 out of

1.00

What is the output of the following code?

```
def range(x, y=None, z=None):
    if y==None:
        start, stop, step = 1, x, 1
    elif z==None:
        start, stop, step = y, x, 12
    else: start, stop, step = x, y, z
    print(start, stop, step)
range(3, 7)
```

Select one:

- ☐ a. 7 4 9
- ☐ b. 1 3 9
- ☐ c. 6 9 12
- ☒ d. 7 3 12

The correct answer is: 7 3 12

Question 15

Complete

Mark 1.00 out of

1.00

What is the output of the following code?

```
def getMonth(m):  
    if m<1 or m>12:  
        raise ValueError("Invalid")  
    print(m)  
getMonth(6)
```

Select one:

- ☐ a. NameError
- ☐ b. ValueError
- ☐ c. AttributeError
- ☒ d. 6

The correct answer is: 6