



Dashboard > My courses > ECSE105L (EB01 to EB09 and EB26 to EB28) Odd Semester 2021 > 2 February - 8 February > Quiz 3 (04-02-2022)

**Started on** Friday, 4 February 2022, 9:42 AM

**State** Finished

**Completed on** Friday, 4 February 2022, 10:04 AM

**Time taken** 21 mins 24 secs

**Grade** 4.00 out of 15.00 (27%)

### Question 1

Incorrect

Mark 0.00 out of

1.00

Select the correct output of the following:

```
def Cal(n):  
    if (n > 10):  
        return n - 2  
    return Cal(Cal(n*2));  
  
print(Cal(5))
```

Select one:

- ☒ a. Infinite loop ❌
- ☐ b. 3
- ☐ c. 14
- ☐ d. 10



**Question 2**

Incorrect

Mark 0.00 out of

1.00

What will be the output of the following python program?

```
class Father:
    def __new__(self):
        self.__init__(self)
        print("Father's __new__() invoked")
    def __init__(self):
        print("Father's __init__() invoked")
class Child_Father(Father):
    def __new__(self):
        print("Father_child's __new__() invoked")
    def __init__(self):
        print("child_Father's __init__() invoked")
def main():
    obj1 = Child_Father()
    obj2 = Father()
main()
```

Select one:

☐ a.

```
child_Father's __init__() invoked
Father_child's __new__() invoked
Father's __new__() invoked
Father's __init__() invoked
```

☒ b.

```
child_Father's __init__() invoked
Father's __new__() invoked
Father's __init__() invoked
```

✗

☐ c.

```
Father_child's __new__() invoked
Father's __new__() invoked
Father's __init__() invoked
```

☐ d.

```
Father_child's __new__() invoked
Father's __init__() invoked
Father's __new__() invoked
```



### Question 3

Correct

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.uniform(20.5, 50.5) ✓
- ☐ b. random.randfloat(20.5, 50.5)
- ☐ c. random.random(20.5, 50.5)
- ☐ d. random.randrange(20.5, 50.5)

### Question 4

Correct

Mark 1.00 out of  
1.00

if First\_Person entered input is -1 and Second\_Person entered input is 11, then what will be the output

Predict the output of the following code:

```
First_Person = int(input("Enter a number between 1 and 10: "))
Second_Person = int(input("Enter a number between 1 and 10: "))
if (First_Person >= 1) and (First_Person <= 10):
    if (Second_Person >= 1) and (Second_Person <= 10):
        print("Your secret number is: ", First_Person * Second_Person)
    else:
        print("Second person entered value is out of range!")
else:
    print("First person entered value is out of range!")
```

Select one:

- ☐ a. Second person entered value is out of range!
- ☐ b. Error
- ☒ c. First person entered value is out of range! ✓
- ☐ d. Your secret number is: -11



### Question 5

Correct

Mark 1.00 out of

1.00

Predict the output

```
a=10  
a/=5!=5 and 6>=100>>2  
print(a)
```

Select one:

☐ a. 5

☒ b.

ZeroDivisionError: division by zero



☐ c. 10

☐ d. 50



**Question 6**

Not answered

Marked out of

1.00

What will be the output of the following python program?

```
class Student:
    def __init__(self,n,Eno):
        self.name=n
        self.Eno=Eno
        print("Name:", self.name)
        print("Enrollment No.:", self.Eno)

std=Student("Hurry",1)
std.Eno=2
print("Enrollment No.:",std.Eno)
```

Select one or more:

- ☐ a. Name: Hurry  
Enrollment No.: 1  
Enrollment No.: 2
- ☐ b. Name: Hurry  
Enrollment No.: 2  
Enrollment No.: 2
- ☐ c. Name: Hurry  
Enrollment No.: 1  
Enrollment No.: 1
- ☐ d. Name: Hurry  
Enrollment No.: 2  
Enrollment No.: 1



**Question 7**

Incorrect

Mark 0.00 out of

1.00

What will be the output of the following python program?

```
class Base:
    def __init__(self):
        self.x = 5
    def change(self):
        self.x = 10
class Derived(Base):
    def change(self):
        self.x=self.x+1
        return self.x
def main():
    obj = Derived()
    print(obj.change())

main()
```

Select one:

- ☐ a. 5
- ☒ b. 10 ✖
- ☐ c. 11
- ☐ d. 6



**Question 8**

Correct

Mark 1.00 out of

1.00

What will be the output of the following python program?

```
class Employee:
    def __init__(self):
        self.id = 101
        self.__age = 25
    def details(self):
        print("Employee age:", self.__age)
obj=Employee()
obj.details()
```

Select one:

- ☐ a. Thrown an Error, here method details() is trying to print a private class member
- ☒ b. Employee age: 25 ✓
- ☐ c. Thrown an error, here method details() can't be accessed
- ☐ d. Program run fine, nothing printed

**Question 9**

Incorrect

Mark 0.00 out of

1.00

Guess the correct output of the following code?

```
count={}
count[(1,2,4)] = 5
count[(4,2,1)] = 7
count[(1,2)] = 6
count[(4,2,1)] = 2
tot = 0
for i in count:
    tot=tot+count[i]
print(len(count)+tot)
```

Select one:

- ☐ a. 17
- ☒ b. Tuples can't be made keys of a dictionary ✗
- ☐ c. 16
- ☐ d. 25





**Question 10**

Incorrect

Mark 0.00 out of

1.00

For opening a file, Which of the following is not a valid mode ?

Select one:

- ☐ a. rw
- ☒ b. r+ ✖
- ☐ c. w+
- ☐ d. ab

**Question 11**

Incorrect

Mark 0.00 out of

1.00

. Select the correct output of the following:

```
def Display(name, age, Address, Emp):  
    print("Name: ", name)  
    print("Age: ", age)  
    print("Address: ", Address)  
    print("Employee ID: ", Emp)  
  
Display(52, "Rahul", 10001, 'Noida')
```

Select one:

- ☐ a. 

```
Name:  Rahul  
Age:   52  
Address:  Noida  
Employee ID:  10001
```
- ☐ b. Thrown an Error
- ☒ c. 

```
Name:  52  
Age:  Rahul  
Address:  Noida  
Employee ID:  10001
```

 ✖
- ☐ d. 

```
Name:  52  
Age:  Rahul  
Address:  10001  
Employee ID:  Noida
```





### Question 12

Incorrect

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, 3, 3]
- ☒ c. [1, 1, 3] ✖
- ☐ d. [1, 1]

### Question 13

Not answered

Marked 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. ValueError
- ☐ b. NameError
- ☐ c. AttributeError
- ☐ d. 6



**Question 14**

Not answered

Marked out of

1.00

What is the output of the following code?

```
def flong(wordslist):  
    wordlen = []  
    for n in wordslist:  
        wordlen.append((len(n), n))  
    wordlen.sort()  
    return wordlen[-1][0], wordlen[-1][1]  
result = flong(["JAVA", "Exercises", "Blackboard"])  
print(result[0])
```

Select one:

- ☐ a. Blackboard
- ☐ b. Exercises
- ☐ c. 9
- ☐ d. 10

**Question 15**

Not answered

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

