



Dashboard > My courses > ECSE105L (EB01 to EB09 and EB26 to EB28) Odd Semester 2021 > 16 February - 22 February > End Semester Quiz (17-02-2022) from 10:00 AM to 11:05 AM

Started on	Thursday, 17 February 2022, 10:00 AM
State	Finished
Completed on	Thursday, 17 February 2022, 11:05 AM
Time taken	1 hour 5 mins
Grade	23.00 out of 40.00 (58%)



**Question 1**

Correct

Mark 1.00 out of

1.00

What is the output of the below Python code?

```
def nstr(s):  
    s = s.lower()  
    vowels = set("aeiou")  
    se = set({})  
    for i in s:  
        if i in vowels:  
            se.add(i)  
        else:  
            pass  
    if len(se)==len(vowels):  
        print("All present")  
    else:  
        print("Not All")  
n = "bennett"  
nstr(n)
```

Select one:

- ☐ a. ee
- ☐ b. All present
- ☒ c. Not All ✓
- ☐ d. Error

The correct answer is: Not All



## Question 2

Correct

Mark 1.00 out of

1.00

Predict the output

```
v1 = 4 ** 3
v2 = 4 ** 4
print(v1)
print(v2)
```

Select one:

- ☐ a.  $\begin{matrix} 12 \\ 16 \end{matrix}$
- ☐ b. ERROR
- ☒ c.  $\begin{matrix} 64 \\ 256 \end{matrix}$  ✓
- ☐ d.  $\begin{matrix} 4 \\ 3 \end{matrix}$

The correct answer is:  $\begin{matrix} 64 \\ 256 \end{matrix}$



### Question 3

Correct

Mark 1.00 out of

1.00

What is the output of the below Python code?

```
def union1(a1,a2,a3):  
    set1 = set(a1)  
    set2 = set(a2)  
    set3 = set(a3)  
    set1 = set1.intersection(set2)  
    answer = set1.union(set3)  
    print(list(answer))  
  
n = 7  
a1 = []  
a2 = []  
a3 = []  
for i in range(n):  
    if i%7==0:  
        a1.append(i)  
    if i%5==0:  
        a2.append(i)  
    if i%3==0:  
        a3.append(i)  
union1(a1,a2,a3)
```

Select one:

- ☒ a. [0, 3, 6] ✓
- ☐ b. [0]
- ☐ c. [3, 6]
- ☐ d. [0, 3]

The correct answer is: [0, 3, 6]



**Question 4**

Correct

Mark 1.00 out of

1.00

What will be the correct output of the following:

```
total = 1
def BU(list_1):
    for j in range(len(list_1)):
        total += 1

BU(['BU', 'CSE', 'B.Tech', 'BCA'], 'MCA', 'PhD')
print(total)
```

Select one:

- ☐ a. 2
- ☒ b. Error, total value will not be reflected ✓
- ☐ c. 4
- ☐ d. 3

The correct answer is: Error, total value will not be reflected

**Question 5**

Correct

Mark 1.00 out of

1.00

What will be the output of the following:

```
def function_1(i,j):
    if(i==0):
        return j
    else:
        return function_1(i//j,i+j)
print(function_1(2,3))
```

Select one:

- ☒ a. 5 ✓
- ☐ b. 4
- ☐ c. 2
- ☐ d. 3

The correct answer is: 5



### Question 6

Incorrect

Mark 0.00 out of

1.00

What is the output of the below Python code?

```
from collections import Counter
try:
    l = ['sunday', 'monday', 'friday', 'friday', 'sunday']

    fre = Counter(l)
    a = [fre[val] for val in fre]
    b = [key for key in fre]
    m = max(a)
    if (m > (len(l)) // 2):
        ind = a.index(m)
        print(b[ind])
    else:
        print('No majority')
except Exception as e:
    print(e)
```

Select one:

- ☐ a. monday
- ☐ b. sunday
- ☒ c. TypeError ❌
- ☐ d. No majority

The correct answer is: No majority



**Question 7**

Incorrect

Mark 0.00 out of

1.00

What is the output of the below Python code?

```
def chance(str1, str2):  
    str1 = set(str1)  
    str2 = set(str2)  
    X1 = str1.difference(str2)  
    Y1 = str2.difference(str1)  
    Z = X1.symmetric_difference(Y1)  
    try:  
        love = (len(Z)/len(X1))/(len(Z)/len(Y1))  
        love = round(love, 2)  
    except:  
        print("error")  
    else:  
        print(love)  
str1 = 'salman'  
str2 = 'katrina'  
chance(str1, str2)
```

Select one:

- ☐ a. 1.45
- ☐ b. error
- ☒ c. 2.55 ✖
- ☐ d. 1.33

The correct answer is: 1.33



### Question 8

Correct

Mark 1.00 out of

1.00

Predict the output

```
var = 10
for i in range(10):
    for j in range(2, 10, 1):
        if var % 2 == 0:
            continue
        var += 1
    var+=1
else:
    var+=1
print(var)
```

Select one:

- ☒ a. 21 ✓
- ☐ b. 10
- ☐ c. 30
- ☐ d. 20

The correct answer is: 21





**Question 9**

Correct

Mark 1.00 out of

1.00

What is the output of the below Python code?

```
from collections import Counter
def name(k):
    vote = Counter(k)
    dict = {}
    for i in vote.values():
        dict[i] = []
    for (key, value) in vote.items():
        dict[value].append(key)
    max_vote = sorted(dict.keys(), reverse=True)[0]
    if len(dict[max_vote]) > 1:
        print(sorted(dict[max_vote])[0] )
    else:
        print(dict[max_vote][0])

k = ['MODI', 'RAM', 'MOD', 'SHYAM']

name(k)
```

Select one:

- ☒ a. MOD ✓
- ☐ b. RAM
- ☐ c. SHYAM
- ☐ d. MODI

The correct answer is: MOD



### Question 10

Correct

Mark 1.00 out of

1.00

Predict the output

```
A = (1, 60, 12)
n = len(A)
for i in range(1,n,1):
    for j in range(1,n,1):
        A[i] = A[j]
print(A)
```

Select one:

- ☐ a. 12
- ☐ b. 3
- ☐ c. 60
- ☒ d. Error ✓

The correct answer is: Error

### Question 11

Incorrect

Mark 0.00 out of

1.00

Predict the output

```
x= "Bennett"
x= ["I", "Am", "Ironman"]
x= [["I", "Am"], ["Ironman"]]
print(x[1][0])
```

Select one:

- ☐ a. lam
- ☒ b. Error ✗
- ☐ c. Bennett
- ☐ d. Ironman

The correct answer is: Ironman



### Question 12

Correct

Mark 1.00 out of

1.00

Predict the output-

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

Select one:

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

The correct answer is: False

### Question 13

Incorrect

Mark 0.00 out of

1.00

What will be the output of the following Python program?

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

Select one:

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

The correct answer is: 0 1 2



### Question 14

Correct

Mark 1.00 out of

1.00

Predict the output

```
var = "James" * 2 * 3  
print(var)
```

Select one:

- ☐ a. JamesJames
- ☒ b. JamesJamesJamesJamesJamesJames ✓
- ☐ c. James
- ☐ d. Error

The correct answer is: JamesJamesJamesJamesJamesJames

### Question 15

Incorrect

Mark 0.00 out of

1.00

What will be the output of the following:

```
def Fun_Recur(k):  
    if (k>0):  
        result = k * Fun_Recur(k-1) + Fun_Recur(k-2)  
    else:  
        result = 1  
    return result  
print(Fun_Recur(2))
```

Select one:

- ☐ a. 1
- ☐ b. 5
- ☒ c. 3 ✗
- ☐ d. 2

The correct answer is: 5



**Question 16**

Incorrect

Mark 0.00 out of

1.00

Predict the output

```
s = 'abacbdebfgbhghbabddba'
print('\b\ separated split -> {}'.format(s.split('b')))
```

Select one:

- ☐ a. ['a', 'ac', 'de', 'fg', 'hhg', 'a', 'dd', 'a']
- ☒ b. error ❌
- ☐ c. 'b' separated split -> ['a', 'ac', 'de', 'fg', 'hhg', 'a', 'dd', 'a']
- ☐ d. bacbdebfgbhghbabddb

The correct answer is: 'b' separated split -&gt; ['a', 'ac', 'de', 'fg', 'hhg', 'a', 'dd', 'a']

**Question 17**

Correct

Mark 1.00 out of

1.00

What will be the correct output of the following:

```
def BU_1(i, j, k = None):
    if i==None:
        Go, Stop, Wait = 'Red', i, k
    elif k== None:
        Go, Stop, Wait = j, 'Gray', k
    else:
        Go, Stop, Wait = i, j, 'Green'
    print(Go, Stop, Wait)

BU_1('White', 'Gray', 'Yellow')
```

Select one:

- ☒ a. White Gray Green ✔️
- ☐ b. White Green Red
- ☐ c. Red Gray white
- ☐ d. White Gray Yellow

The correct answer is: White Gray Green



**Question 18**

Correct

Mark 1.00 out of

1.00

What is the output of the below Python code?

```
def string_length(str1):  
    count = 0  
    for char in str1:  
        count += 1  
    return count  
print(string_length('bennettuniversity.edu.in'))
```

Select one:

- ☐ a. 21
- ☒ b. 24 ✓
- ☐ c. 25
- ☐ d. 22

The correct answer is: 24

**Question 19**

Correct

Mark 1.00 out of

1.00

What will be the correct output of the following?

```
num1, num2 = 101, 21  
min = num2 if num2 < num1 else num1  
print(min)
```

Select one:

- ☐ a. Error
- ☐ b. run fine, but no output
- ☐ c. 101
- ☒ d. 21 ✓

The correct answer is: 21



**Question 20**

Correct

Mark 1.00 out of

1.00

What will be the correct output of the following?

```
def fun_i(**GreateNoida):  
    print("BU Greater Noida")  
fun_i('BU', 'Greater Noida', 'UP', 'India')
```

Select one:

- ☒ a. **TypeError: fun\_i() takes 0 positional arguments but 4 were given** ✓
- ☐ b. BU Greater Noida
- ☐ c. run fine, but no output
- ☐ d. BU Greater Noida UP India

The correct answer is: **TypeError: fun\_i() takes 0 positional arguments but 4 were given****Question 21**

Incorrect

Mark 0.00 out of

1.00

Predict the output

```
def print_temperatures():  
    print('temperature in Fahrenheit was:', temp_fahr)  
    print('temperature in Kelvin was:', temp_kelvin)  
temp_fahr = 212.0  
temp_kelvin = fahr_to_kelvin(temp_fahr)  
print_temperatures()
```

Select one:

- ☐ a. temperature in Fahrenheit was:212
- ☒ b. temperature in Kelvin was: 373 ✗
- ☐ c. Error
- ☐ d. temperature in Fahrenheit was:212

temperature in Kelvin was:373

The correct answer is: Error



**Question 22**

Correct

Mark 1.00 out of

1.00

PREDICT THE OUTPUT

```
salary = 7000

def printSalary():
    salary = 25500
    print("Salary:", salary)
printSalary()
print("Salary:", salary)
```

Select one:

- ☐ a.     **Salary: 25500**  
         **Salary: 25500**
- ☐ b.     **Salary: 7000**  
         **Salary: 7000**
- ☒ c.     **Salary: 25500**     ✓  
         **Salary: 7000**
- ☐ d.     **Salary: 7000**  
         **Salary: 25500**

The correct answer is:     **Salary: 25500**  
                                 **Salary: 7000**





**Question 23**

Incorrect

Mark 0.00 out of

1.00

What will be output of the following python program?

```
class Computer:
    def __init__(self):
        self.__maxprice = 700
    def sell(self):
        print("Selling Price: {}".format(self.__maxprice))
    def setMaxPrice(self, price):
        self.__maxprice = price
c = Computer()
c.sell()
c.__maxprice = 900
c.sell()
c.setMaxPrice(800)
c.sell()
```

Select one:

- ☐ Selling Price: 700
- ☐ a. Selling Price: 800  
Selling Price: 800
- ☐ Selling Price: 700
- ☒ b. Selling Price: 700 ✖  
Selling Price: 700
- ☐ Selling Price: 700
- ☐ c. Selling Price: 800  
Selling Price: 700
- ☐ Selling Price: 700
- ☐ d. Selling Price: 700  
Selling Price: 800

The correct answer is:

Selling Price: 700  
Selling Price: 700  
Selling Price: 800



**Question 24**

Incorrect

Mark 0.00 out of

1.00

Predict the output

```
class test:
    def __init__(self,a="Hello world"):
        self.a=a

    def display(self):
        print(self.a)
obj=test()
obj.display()
```

Select one:

- ☐ a. Hello Word
- ☒ b. The program has an error display function doesn't have parameters ❌
- ☐ c. Nothing is printed
- ☐ d. Program gives an error as constructor cannot have default value

The correct answer is: Hello Word



**Question 25**

Not answered

Marked out of

1.00

Select the correct output of the following:

```
try:
    f = open("File1.txt", 'r+')
    f.write("Welcome you all")
except:
    print("Something went wrong while updating File1.txt")
else:
    print("Successfully Updated!")
f.close()

try:
    f = open("File1.txt")
    print(f.read())
except:
    print('No such file or directory')
f.close()
```

Note: if File1.txt file is not present in the directory

Select one:

- ☐ a. Something went wrong while updating File1.txt
- ☐ b. Something went wrong while updating File1.txt  
No such file or directory
- ☐ c. No such file or directory
- ☐ d. Successfully Updated!  
Welcome you all

The correct answers are:

Something went wrong while updating File1.txt,  
No such file or directory  
Something went wrong while updating File1.txt



**Question 26**

Not answered

Marked out of

1.00

Predict the output-

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

Select one:

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

The correct answer is: 1 2 1 2 1 2

**Question 27**

Correct

Mark 1.00 out of

1.00

Predict the output-

```
x = 1
y = 4
while x * y < 5:
    print(y, end="")
    y += 1
```

Select one:

- ☐ a. 8
- ☒ b. 4 ✓
- ☐ c. 16
- ☐ d. 12

The correct answer is: 4



**Question 28**

Not answered

Marked out of

1.00

What is the output of the below Python code?

```
def match_vowel(str1):  
    str1 = str1.lower()  
    vowel1 = set("aeiou")  
    set2 = set({})  
    for i in str1:  
        if i in vowel1:  
            set2.add(i)  
        else:  
            pass  
    if len(set2)==len(vowel1):  
        print("All present")  
    else:  
        print("Not All")  
str1 = 'he is hero'  
match_vowel(str1)
```

Select one:

- ☐ a. Error
- ☐ b. All present
- ☐ c. Not All

The correct answer is: Not All

**Question 29**

Correct

Mark 1.00 out of

1.00

Predict the output

```
import numpy as np  
ary = np.array([1,2,3,5,8])  
ary = ary + 1  
print (ary[1])
```

Select one:

- ☐ a. 2
- ☐ b. 1
- ☒ c. 3 ✓
- ☐ d. 5

The correct answer is: 3



**Question 30**

Not answered

Marked out of

1.00

What is the output of the below Python code?

```
def percentage(str1, str2):  
    str11 = set(str1)  
    str22 = set(str2)  
    str1 = str11.difference(str22)  
    str2 = str22.difference(str11)  
    try:  
        if len(str1)<len(str2):  
            love = (len(str1)/len(str2))*100  
            love = round(love,2)  
        else:  
            love = (len(str2)/len(str1))*100  
            love = round(love,2)  
    except:  
        print("error")  
    else:  
        print(love)  
str1 = 'ram'  
str2 = 'shyam'  
percentage(str1, str2)
```

Select one:

- ☐ a. 35.20
- ☐ b. 33.33
- ☐ c. 38.19
- ☐ d. 33.60

The correct answer is: 33.33



**Question 31**

Not answered

Marked out of

1.00

What is the output of the below Python code?

```
class FUN:
    def DO(self,a,b):
        return a//b

obj1 = FUN()
a = 7
b = 9
print(obj1.DO(a,b))
```

Select one:

- ☐ a. 1
- ☐ b. 1.24
- ☐ c. 0
- ☐ d. 0.77

The correct answer is: 0

**Question 32**

Correct

Mark 1.00 out of

1.00

Predict the output

```
import numpy as np
a = np.array([1,2,3])
print(a)
```

Select one:

- ☒ a. [1,2,3] ✓
- ☐ b. [[1,2,3]]
- ☐ c. Error
- ☐ d. [1]

The correct answer is: [1,2,3]





**Question 33**

Correct

Mark 1.00 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")
class Child_Father(Father):
    def __init__(self):
        print("child_Father's __init__() invoked")
def main():
    obj1 = Child_Father()
main()
```

Select one:

☐ a.

Father's \_\_new\_\_() invoked  
child\_Father's \_\_init\_\_() invoked

☐ b.

child\_Father's \_\_init\_\_() invoked

☐ c.

Father child's new () invoked

☒ d.

child Father's init () invoked  
Father's new () invoked



The correct answer is:

child Father's init () invoked  
Father's new () invoked





**Question 34**

Not answered

Marked out of

1.00

What will be the correct output of the following?

```
class Base_Class:
    x = '0 0 1'
    def __init__(self):
        pass
class Derived_class(Base_Clas):
    def __init__(self):
        super().__init__()
        self.y = '1 0 0'
def main():
    b = Derived_class()
    print(b.x,b.y)
main()
```

Select one:

- ☐ a. Thrown an Error
- ☐ b. 1 0 0 1 0 0
- ☐ c. 0 0 1 1 0 0
- ☐ d. 0 0 1

The correct answers are: Thrown an Error, 0 0 1 1 0 0



### Question 35

Correct

Mark 1.00 out of

1.00

What will be the correct output of the following

```
Tuple_1 = (1, 2, 3)
items = len(Tuple_1)
index_2 = 0
while True:
    for index_1 in range(items):
        if index_1 == index_2:
            Tuple_1[index_1] = Tuple_1[index_2-1]
            break
        index_2 += 1
print(Tuple_1)
```

Select one:

- ☒ a. **TypeError: 'tuple' not support assignment** ✓
- ☐ b. (1, 2, 3)
- ☐ c. (3, 2, 1)
- ☐ d. (2, 3, 1)

The correct answer is: **TypeError: 'tuple' not support assignment**

### Question 36

Correct

Mark 1.00 out of

1.00

Predict the output

```
var= "Bennett University"
print(var[2::-1])
```

Select one:

- ☐ a. nne
- ☒ b. neB ✓
- ☐ c. Error
- ☐ d. nnett University

The correct answer is: neB



**Question 37**

Not answered

Marked out of

1.00

**What is the output of the below Python code?**

```
a=5
def mul(n):
    mul=1
    for i in range (1,n+1,2):
        mul=mul*i+1
    print(mul)
if a>1:
    mul(a)
```

Select one:

- ☐ a. 25
- ☐ b. 24
- ☐ c. 36
- ☐ d. 250

The correct answer is: 36



**Question 38**

Not answered

Marked out of

1.00

Select the correct output of the following:

```
def Cal(n):  
    if (n > 4):  
        return n - 2  
    return Cal(Cal(n+2));  
  
print(Cal(5))
```

Select one:

- ☐ a. 7
- ☐ b. Infinite loop
- ☐ c. 4
- ☐ d. 3

The correct answer is: 3

**Question 39**

Correct

Mark 1.00 out of

1.00

What is the output of the below Python code?

```
import statistics  
k= [6,8,11,19,6]  
s = statistics.mean(k)  
mi = statistics.median(k)  
print(mi)
```

Select one:

- ☐ a. 6
- ☐ b. 7
- ☒ c. 8 ✓
- ☐ d. 11

The correct answer is: 8



**Question 40**

Correct

Mark 1.00 out of

1.00

What will be the correct output of the following:

```
List1 = [8,9,10]
for number_1 in List1:
    for number_2 in range(5,number_1):
        while number_1 % number_2 == 0:
            print(number_1, end = ' ')
            number_1 = number_1 // number_2
```

Select one:

- ☒ a. 10 ✓
- ☐ b. 9 10
- ☐ c. run fine, no output
- ☐ d. 8 9

The correct answer is: 10

