



Review Test Submission: Test 1

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| User | |
| Course | 201-ICS-104 (Intro. to Prog. in Python & C) [COMMON: ALL ICS-104 students] |
| Test | Test 1 |
| Started | 10/3/20 7:01 PM |
| Submitted | 10/3/20 7:36 PM |
| Due Date | 10/3/20 8:15 PM |
| Status | Completed |
| Attempt Score | 92 out of 100 points |
| Time Elapsed | 35 minutes out of 1 hour and 15 minutes |
| Results Displayed | Submitted Answers, Correct Answers |

Question 1

Assuming that m is an integer value and greater than 5, what will be the result of the following python expression?

8% (2*m)

Selected Answer: 8



Correct Answer: 8



Question 2

What will be the output of below Python code if the user enters 4 as an input?

```
num1 = float(int(input(" enter the first number: ")))  
print(num1)
```

Selected Answer: 4.0

Correct Answer: 4.0

Question 3

What is the order of evaluation of the following python expression?

7 - (m + z) / x ** 3

Selected Answer:  + , ** , / , -

Correct Answer:  + , ** , / , -

Question 4

Which of the following operators can be used with strings?

Selected Answer:  + and *

Correct Answer:  + and *

Question 5

What is the output of the following program:

```
digit = "1-2, buckle my SHOE!"
```

```
digit.upper()
```

```
str = digit.lower()
```

```
print("upper case : " + str)
```

```
print("lower case : " + digit)
```

Selected Answer: upper case : 1-2, buckle my shoe!
lower case : 1-2, buckle my SHOE!




Correct Answer: upper case : 1-2, buckle my shoe!
lower case : 1-2, buckle my SHOE!




Question 6

Assume you have a valid python function named ABC() that requires 2 arguments. Which of the following is the right way to call the function and print the returned value.

| | | | |
|------------------|----------------|-------------------|------------------|
| # 1 | # 2 | # 3 | # 4 |
| | result = 0 | result = 0 | A = 3 |
| print (ABC(2)) | ABC(4,4) | result = ABC(3,3) | print (ABC(A)) |
| # 5 | print (result) | print (result) | |
| print (ABC(2,4)) | | | |

Selected Answer:  #3 and #5

Correct Answer:  #3 and #5

Question 7

The following program

```
myFirstName = "Abdullah"  
myLastName = "Alsalem"  
myYearOfBirth = 1999  
myMonthOfBirth = 6  
myDayOfBirth = 28  
print(" My name is ", myFirstName, myLastName + " and I was born on ",  
      myDayOfBirth, myMonthOfBirth, myYearOfBirth)
```

will produce


Selected Answer:  My name is Abdullah Alsalemand I was born on 28 6 1999


Correct Answer:  My name is Abdullah Alsalemand I was born on 28 6 1999

Question 8

What do the following statements print?


```
x = -12.02547912  
y = 102  
print("%3.3f" % x)  
print("%5d" % y)
```


Selected Answer:  -12.025
102

Correct Answer:  -12.025
102

Question 9

Which of the following Python statements assigns 10 to variable y:

Selected Answer:  y = 10

Correct Answer:  y = 10

Question 10

Write the following mathematical expression in Python:

$$\sqrt{\left(\frac{x^5 + \sin(m)}{4}\right)^{10}}$$

Selected Answer: `sqrt(((x**5 + sin(m))/4)**10)`




Correct Answer: `sqrt(((x**5 + sin(m))/4)**10)`




Question 11

What does the following python expression evaluate to?

`11 // 2 % 2`


Selected Answer:  1


Correct Answer:  1

Question 12

What will be the output of below Python code?

```
str2 = "differentiation".replace('t','z')
print(str2)
```

Selected Answer:  differenziazion


Correct Answer:  differenziazion

Question 13

What does the following expression evaluate to?

`3 ** 2 % (2 + 1) * 3 - 2 ** 2 / 8`

Selected Answer:  - 0.5

Correct Answer:  - 0.5

Question 14

Which of the following statements is not true about Python?

Selected Answer:  Development of Python programs is quick.

Correct Answer:  Python is optimized to produce fast programs.

Question 15

Which of the following group of Python statements will generate an error preventing it from running:

| | | | | |
|------------|--------------|--------------|-----------|-------------|
| # 1 | # 3 | # 2 | # 4 | # 5 |
| A = 1 | A = 3 | A = 3 | A = 3 | A = 3 |
| A = 5.6 | B = A + 3 | A = abs(A) | C = A + B | B = 5 |
| A = 'ZEro' | C = B* - 1.7 | B = A* - 2.2 | B = 4 | B = A + 3.7 |

Selected Answer: #4 only



Correct Answer: #4 only



Question 16

What is the value of the Python expression "kfupm" * 2 ?

Selected Answer: kfupmkfupm

Correct Answer: kfupmkfupm

Question 17

The following Python print statement

`print(round(34.6016451,0))`

will output

Selected Answer: 35.0

Correct Answer: 35.0

Question 18

Which of the following is a bad Python variable name?

Selected Answer: 82_Street

Correct Answer: 82_Street

Question 19

Assume that you are given the following code:

```
city1 = "Dammam"
dist1 = 70.9
city2 = "Khamis Mushait"
dist2 = 800.32
city3 = "Makka"
dist3 = 1401.5
```

Which of the following statements will produce the following output?

```
Dammam      70.9
Khamis Mushait 800.3
Makka      1401.5
```

- Selected Answer:

☒ `print("%15s %8.1f" % (city1, dist1))`

☒ `print("%15s %8.1f" % (city2, dist2))`

☐ `print("%15s %8.1f" % (city3, dist3))`
- Correct Answer:

☐ `print("%15s %8.1f" % (city1, dist1))`

☒ `print("%15s %8.1f" % (city2, dist2))`

☐ `print("%15s %8.1f" % (city3, dist3))`

Question 20

Part a: Without modifying any of the available statements, add ONE more statement to make the printed output of the following code as 23.0

```
num1='25'
num2 = -2

print(num2+num1)
```

Part b: Without modifying any of the available statements, add ONE more statement to make the printed output of the following code as 14.9

```
s1= '14'
s2= 8

print(s1+'.'+s2)
```

The answer of part a is and the answer of part b is

- Selected Answer:

☒ `num1= float(num1)`

☐ `s2=str(s2+1)`
- Correct Answer:

☒ `num1= float(num1)`


☐ `s2=str(s2+1)`

Question 21


Given strings containing phone numbers of the form “xyz-abcd” where a, b, c, d, x, y and z are digits between 0 and 9. Which of the following expressions computes the mathematical

sum of y, b and d? For example, if the variable `phoneNumber` contains the string: “691-7542”, the mathematical sum is equal to $9 + 5 + 2 = 16$.

Selected Answer:

 `theSum = int(phoneNumber[1]) + int(phoneNumber[5]) + int(phoneNumber[7])`


Correct Answer:

 `theSum = int(phoneNumber[1]) + int(phoneNumber[5]) + int(phoneNumber[7])`


Question 22

The following statements are all correct regarding Jupyter notebook, except

Selected Answer:

 Markdown cells contain text formatted using the markdown language.


Correct Answer:

 Lines in Markdown cells are treated as statements in a programming language.


Question 23

Which of the following statements is not true about errors in Python?

Selected Answer:

 Logical errors are easily caught by the Python compiler.

Correct Answer:

 Logical errors are easily caught by the Python compiler.


Question 24

Consider executing the following python code:


```
x = int(input(" Enter x "))
y = int(input(" Enter y "))
z = int(input(" Enter z "))
print(x // y % z)
```

What will be the output if the user entered the numbers: 987, 10 and 9 in this order?

Selected Answer:

 8


Correct Answer:

 8

Question 25

Which of the following python fragments generates an error?

Selected Answer:

 `print(x + z)`
`x = 2`
`z = 3`

Correct Answer:

```
print(x + z)
x = 2
z = 3
```



Saturday, November 21, 2020 8:38:58 AM AST

← OK