Python for Everybody - A Review

LATEST SUBMISSION GRADE

100%

1.Question 1
What is the most common Unicode encoding when moving data between systems?

○ UTF-64

◉ UTF-8

○ UTF-16

○ UTF-128

○ UTF-32

Correct

1 / 1 point

2.Question 2
What is the decimal (Base-10) numeric value for the upper case letter "G" in the ASCII character set?

○ 7

○ 1771

○ 2048

○ 17

◉ 71

Correct

1 / 1 point

3.Question 3

What word does the following sequence of numbers represent in ASCII:

108, 105, 115, 116

○ fuss

○ lost

○ http

◉ list

○ open

Correct

1 / 1 point

4.Question 4

How are strings stored internally in Python 3?

○ EBCDIC

○ UTF-16

◉ Unicode

○ Latin

○ ASCII

Correct

1 / 1 point

5.Question 5

When reading data across the network (i.e. from a URL) in Python 3, what method must be used to convert it to the internal format used by strings?

○ msub()

○ encode()

◉ decode()

○ convert()

○ more()

Correct

1 / 1 point

6.Question 6
Which of the following lines will never print out regardless fo the value of "x"?


```
if x < 2 :
    print("Below 2")
elif x < 0 :
    print("Negative")
else :
    print("Something else")
```

◉ Negative

○ Something else

○ Below 2

○ All the lines will print out

Correct

1 / 1 point

7.Question 7
Which of the following lines will never print out regardless of the value for x?

```
if x < 2 :
    print("Below 2")
elif x < 20 :
    print("Below 20")
elif x < 10 :
    print("Below 10")
else :
    print("Something else")
```

○ Below 10

○ Below 20

○ Something else

○ Below 2

Correct

8.Question 8

What would the following Python code sequence print out?

```
zap = "hello there bob"

print(zap[4])
```

⦿ o

○ e

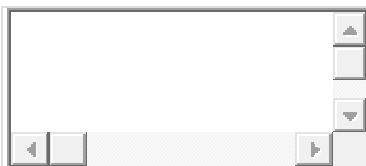○ You would get an out-of-range error and the program would fail

○ I

○ hello

○ zap

Correct

1 / 1 point

9.Question 9
Which of the following lines of Python code contains a syntax error?

```
x = 12
if x < 5:
print("smaller")
else:
    print("bigger")
print("all done")
```

Ans. 3

Correct

1 / 1 point

10.Question 10
What will the following Python program print out?

```
def fred():
  print("Zap")
def jane():
  print("ABC")
jane()
```
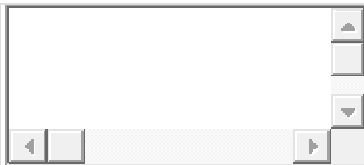
```
fred()
jane()
```

○ Zap Zap Zap

○ Zap ABC jane fred jane

◉ ABC Zap ABC

○ Zap ABC Zap

○ ABC Zap jane

Correct

1 / 1 point

11.Question 11

Where in the computer is a variable such as "X" stored?

x = 123

○ Secondary Memory

◉ Main Memory

○ Output Devices

○ Input Devices

○ Central processing unit

Correct

1 / 1 point

12.**Question 12**
What is the primary use of the Python dictionary?

○ To make sure that the definitions of the Python reserved words are available in different languages (French, Spanish, etc)

○ To look up all of the methods which are available on a Python object

○ To insure that all Python reserved words are properly spelled

◉ To store key / value pairs

Correct

1 / 1 point

13.Question 13
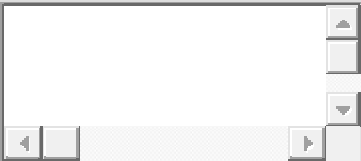**What is the answer to this question? (Hint: Douglas Adam's answer)**

○ 3

○ 100

○ 75

○ 64

◉ 42

Correct

1 / 1 point

14.Question 14
What does the following Python code print out?

```
stuff = ['joseph', 'sally', 'walter', 'tim']

print(stuff[2])
```
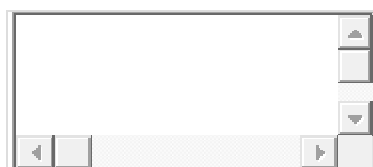
○ sally

○ tim

◉ walter

○ joseph

Correct

1 / 1 point

15.Question 15
What will the following Python program print out? (This is a bit tricky so look carefully).

```
def hello():
    print("Hello")
    print("There")
x = 10
x = x + 1
```

◉ Nothing will print

○ 11

○ Hello

There

11

○ x = 11

Correct

1 / 1 point

16.Question 16

What will the following Python program print out?

```
x = -1
for value in [3, 41, 12, 9, 74, 15] :
   if value > x :
      x = value
print(x)
```
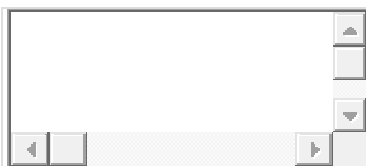
○ 9

◉ 74

○ 3

○ 15

○ -1

Correct

1 / 1 point

17.Question 17

What will the following Python program print out?

```
total = 0
for abc in range(5):
   total = total + abc
print(total)
```
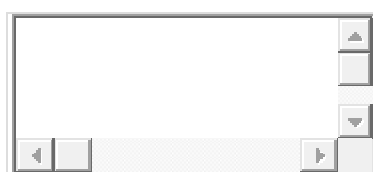
○ 6

◉ 10

○ 5

○ 4

○ 16

Correct

1 / 1 point

18.Question 18
The following Python code causes a traceback:

```
a = "123"

b = 456

c = a + b

print(c)
```
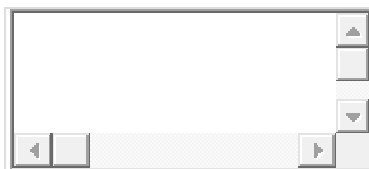
Which line fails with a traceback?

◉ 3

○ 1

○ 2

○ 4

Correct

1 / 1 point

19.Question 19
In the following example, an error occurs in "line3" that normally causes a traceback if it were not in a try/except.

```
line1
try:
    line2
    line3
    line4
except:
    line5
line6
```

What is the sequence of lines executed in this program?

○ line1, line2, line3, line6

○ line1, line2, line3, line4, line5, line6

○ line1, line4, line5, line6

○ line1, line5, line6

◉ line1, line2, line3, line5, line6

Correct

1 / 1 point

20.Question 20
What would the following Python code print out?

```
abc = "With three words"

stuff = abc.split()

print(stuff)
```

○ ['w', 'i', 't', 'h']

○ ['With', 'three words']

○ ['With three words']

○ ['With the', 'ee words']

⦿ ['With', 'three', 'words']

Correct

1 / 1 point

21.Question 21
What would the following Python code print out?

```
abc = "With three words"
stuff = abc.split()
print(len(stuff))
```

⦿ 3

○ 14

○ 2

○ 16

○ 1

Correct

1 / 1 point

22.Question 22
Which of the following is not a good synonym for "class" in Python?

⦿ direction

○ blueprint

○ template

○ pattern

Correct

1 / 1 point

23.Question 23
What is "self" typically used in a Python method within a class?

○ To terminate a loop

○ The number of parameters to the method

◉ To refer to the instance in which the method is being called

○ To set the residual value in an expression where the method is used

Correct

1 / 1 point

24.Question 24
How is a Python socket different than a Python file handle?
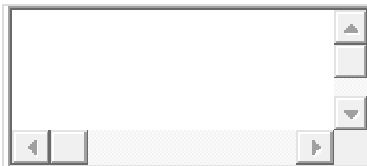
○ The socket does not read all of the data when it is opened

○ Opening a socket will never fail, while opening a file can fail

◉ You can read and write using the same socket

Correct

1 / 1 point

25.Question 25
In the following XML, what is "type"?

```
<person>
 <name>Chuck</name>
 <phone type="intl">
  +1 734 303 4456
 </phone>
 <email hide="yes" />
</person>
```

◉ An attribute

○ XML syntax error

○ Tag

○ Simple element

○ Complex element

○ Value

Correct

1 / 1 point

26.Question 26
Which programming language serves as the basis for the JSON syntax?

○ PHP

○ Java

○ SCALA

○ Python

◉ JavaScript

Correct