



✓ **Congratulations! You passed!**

TO PASS 80% or higher

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GRADE
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Python for Everybody - A Review

LATEST SUBMISSION GRADE

92.3%

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

1 / 1 point

- ☒ UTF-8
- ☐ UTF-128
- ☐ UTF-16
- ☐ UTF-64
- ☐ UTF-32

✓ Correct

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

1 / 1 point

- ☐ 7
- ☒ 71
- ☐ 2048
- ☐ 17
- ☐ 1771

✓ Correct

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

1 / 1 point

108, 105, 115, 116

- ☒ list
- ☐ fuss
- ☐ http
- ☐ open
- ☐ lost

✓ Correct

4. How are strings stored internally in Python 3?

1 / 1 point

- ☐ EBCDIC
- ☐ UTF-16
- ☐ Latin
- ☐ ASCII
- ☒ Unicode

✓ Correct

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?

1 / 1 point

- ☐ convert()
- ☐ more()
- ☒ decode()
- ☐ encode()

☐ msub()

✓ Correct

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

1 / 1 point

```
1- if x < 2 :  
2-     print("Below 2")  
3- elif x < 0 :  
4-     print("Negative")  
5- else :  
6-     print("Something else")
```

- ☐ Something else
- ☐ Below 2
- ☐ All the lines will print out
- ☒ Negative

✓ Correct

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

1 / 1 point

```
1- if x < 2 :  
2-     print("Below 2")  
3- elif x < 20 :  
4-     print("Below 20")  
5- elif x < 10 :  
6-     print("Below 10")  
7- else :  
8-     print("Something else")
```

- ☒ Below 10
- ☐ Below 20
- ☐ Something else
- ☐ Below 2

✓ Correct

8. What would the following Python code sequence print out?

1 / 1 point

```
1 zap = "hello there bob"  
2 print(zap[4])
```

- ☐ hello
- ☐ You would get an out-of-range error and the program would fail
- ☒ o
- ☐ e
- ☐ l
- ☐ zap

✓ Correct

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

0 / 1 point

```
1 x = 12  
2 if x < 5:  
3     print("smaller")  
4 else:  
5     print("bigger")
```

```
6 print("all done")
```

```
print("smaller")
```

Incorrect

10. What will the following Python program print out?

1 / 1 point

```
1 def fred():
2     print("Zap")
3
4 def jane():
5     print("ABC")
6
7 jane()
8 fred()
9 jane()
```

- ☐ Zap ABC Zap
- ☒ ABC Zap ABC
- ☐ ABC Zap jane
- ☐ Zap ABC jane fred jane
- ☐ Zap Zap Zap

Correct

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

1 / 1 point

```
1 x = 123
```

- ☐ Input Devices
- ☐ Central processing unit
- ☒ Main Memory
- ☐ Output Devices
- ☐ Secondary Memory

Correct

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

1 / 1 point

- ☐ To look up all of the methods which are available on a Python object
- ☒ To store key / value pairs
- ☐ To make sure that the definitions of the Python reserved words are available in different languages (French, Spanish, etc)
- ☐ To insure that all Python reserved words are properly spelled

Correct

13. What is the answer to this question?

0 / 1 point

- ☐ 42
- ☐ 100
- ☒ 64
- ☐ 75
- ☐ 3

Incorrect

What is the answer to any question? (Hint: remember Douglas Adams?)

14. What does the following Python code print out?

1 / 1 point

```
1 stuff = ['joseph', 'sally', 'walter', 'tim']
2 print(stuff[2])
```

- ☒ walter
- ☐ joseph
- ☐ sally
- ☐ tim

✓ Correct

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

1 / 1 point

```
1 def hello():
2     print("Hello")
3     print("There")
4
5 x = 10
6 x = x + 1
```

- ☐ x = 11
- ☒ Nothing will print
- ☐ 11
- ☐ Hello

There

11

✓ Correct

16. What will the following Python program print out?

1 / 1 point

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

- ☐ 9
- ☐ 15
- ☒ 74
- ☐ 3
- ☐ -1

✓ Correct

17. What will the following Python program print out?

1 / 1 point

```
1 total = 0
2 for abc in range(5):
3     total = total + abc
4 print(total)
```

- ☐ 6
- ☐ 16
- ☒ 10
- ☐ 5
- ☐ 4

✓ Correct

18. The following Python code causes a traceback:

1 / 1 point

```
1 a = "123"
2 b = 456
3 c = a + b
4 print(c)
```

Which line fails with a traceback?

- ☒ 3
- ☐ 1
- ☐ 2
- ☐ 4

✓ Correct

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

1 / 1 point

```
1 line1
2 try:
3     line2
4     line3
5     line4
6 except:
7     line5
8 line6
```

What is the sequence of lines executed in this program?

- ☐ line1, line2, line3, line4, line5, line6
- ☐ line1, line5, line6
- ☐ line1, line4, line5, line6
- ☒ line1, line2, line3, line5, line6
- ☐ line1, line2, line3, line6

✓ Correct

20. What would the following Python code print out?

1 / 1 point

```
1 abc = "With three words"
2 stuff = abc.split()
3 print(stuff)
```

- ☐ ['With three words']
- ☒ ['With', 'three', 'words']
- ☐ ['With the', 'ee words']
- ☐ ['w', 'i', 't', 'h']
- ☐ ['With', 'three words']

✓ Correct

21. What would the following Python code print out?

1 / 1 point

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

- ☐ 14
- ☐ 1
- ☒ 3
- ☐ 2
- ☐ 16

✓ Correct

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

1 / 1 point

- ☒ direction
- ☐ pattern
- ☐ blueprint
- ☐ template

✓ Correct

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

1 / 1 point

- ☐ To set the residual value in an expression where the method is used
- ☐ The number of parameters to the method
- ☒ To refer to the instance in which the method is being called
- ☐ To terminate a loop

✓ Correct

24. How is a Python socket different than a Python file handle?

1 / 1 point

- ☒ You can read and write using the same socket
- ☐ 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

✓ Correct

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

1 / 1 point

```
1 <person>
2   <name>Chuck</name>
3   <phone type="intl">
4     +1 734 303 4456
5   </phone>
6   <email hide="yes" />
7 </person>
```

- ☐ XML syntax error
- ☐ Simple element
- ☒ An attribute
- ☐ Tag
- ☐ Value
- ☐ Complex element

✓ Correct

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

1 / 1 point

- ☐ PHP
- ☐ Java
- ☐ SCALA
- ☐ Python
- ☒ JavaScript

✓ Correct