```
O UTF-128
   O UTF-64
   O UTF-16
2. What is the decimal (Base-10) numeric value for the upper case letter "G" in the ASCII character set?
                                                                                                             1 point
   0 7
   2048
   O 1771
   O 17
   71
3. What word does the following sequence of numbers represent in ASCII:
                                                                                                             1 point
   108, 105, 115, 116
   Olost
   O fuss
   O http
   list
   Open
4. How are strings stored internally in Python 3?
                                                                                                             1 point
   ○ EBCDIC
   O UTF-16
   Compare Latin
   Unicode
   O ASCII
5. When reading data across the network (i.e. from a URL) in Python 3, what method must be used to convert it to
                                                                                                             1 point
   the internal format used by strings?
   decode()
   msub()
   o more()
   onvert()
   o encode()
6. Which of the following lines will never print out regardless of the value of "x"?
                                                                                                             1 point
          if x < 2:
               print("Below 2")
          elif x < 0:
               print("Negative")
           else:
               print("Something else")
   Negative
   All the lines will print out
   Something else
   Below 2
7. Which of the following lines will never print out regardless of the value for x?
                                                                                                             1 point
               print("Below 2")
           elif x < 20:
               print("Below 20")
           elif x < 10:
               print("Below 10")
           else:
               print("Something else")
   O Below 10
   O Below 20
   Something else
   Below 2
8. What would the following Python code sequence print out?
                                                                                                             1 point
           zap = "hello there bob"
       print(zap[4])
   О e
   O zap
   O hello
   O
   You would get an out-of-range error and the program would fail
9. Which of the following lines of Python code contains a syntax error?
                                                                                                             1 point
       1 	 x = 12
       2 if x < 5:
       3 print("smaller")
       4 else:
               print("bigger")
       6 print("all done")
     print("smaller")
10. What will the following Python program print out?
                                                                                                             1 point
           def fred():
              print("Zap")
           def jane():
              print("ABC")
           jane()
           fred()
           jane()
   O Zap ABC Zap
   ABC Zap jane
   Zap ABC jane fred jane
   ABC Zap ABC
   Zap Zap Zap
11. Where in the computer is a variable such as "X" stored?
                                                                                                             1 point
       1 	 x = 123

    Secondary Memory

   Input Devices
   Output Devices
   Main Memory
   O Central processing unit
12. What is the primary use of the Python dictionary?
                                                                                                             1 point

    To store key / value pairs

   O To insure that all Python reserved words are properly spelled
   O To look up all of the methods which are available on a Python object
   O To make sure that the definitions of the Python reserved words are available in different languages (French,
       Spanish, etc)
13. What does the following Python code print out?
                                                                                                             1 point
      stuff = ['joseph', 'sally', 'walter', 'tim']
print(stuff[2])
   sally
   joseph
   O tim
   walter
14. What will the following Python program print out? (This is a bit tricky so look carefully).
                                                                                                             1 point
           def hello():
               print("Hello")
               print("There")
           x = 10
           x = x + 1
   Nothing will print
   O x = 11
   O Hello
       There
       11
   O 11
15. What will the following Python program print out?
                                                                                                             1 point
       for value in [3, 41, 12, 9, 74, 15] :
              if value > x :
             x = value
       5 print(x)
   O -1
   O 15
   74
   O 3
   O 9
16. What will the following Python program print out?
                                                                                                             1 point
           total = 0
           for abc in range(5):
            total = total + abc
       4
print(total)
   10
   O 16
   O 5
17. The following Python code causes a traceback:
                                                                                                             1 point
           a = "123"
       c = a + b
       4 print(c)
   Which line fails with a traceback?
   3
   O 2
   O 4
18. In the following example, an error occurs in "line3" that normally causes a traceback if it were not in a try/except.
                                                                                                             1 point
           line1
           try:
                line2
                line3
           except:
                line5
           line6
   What is the sequence of lines executed in this program?
   O line1, line2, line3, line6
   line1, line2, line3, line4, line5, line6
   O line1, line4, line5, line6
   O line1, line5, line6
   line1, line2, line3, line5, line6
19. What would the following Python code print out?
                                                                                                             1 point
           abc = "With three words"
       2 stuff = abc.split()
       3 print(stuff)
   ('w', 'i', 't', 'h')
   ['With', 'three', 'words']
   ['With the', 'ee words']
   ['With three words']
   ['With', 'three words']
20. What would the following Python code print out?
                                                                                                             1 point
       abc = "With three words"
       stuff = abc.split()
       3 print(len(stuff))
   3
   O 2
   \bigcirc 1
   O 16
   O 14
21. Which of the following is not a good synonym for "class" in Python?
                                                                                                             1 point
   pattern
   template
   O direction
   blueprint
22. What is "self" typically used in a Python method within a class?
                                                                                                             1 point
   O The number of parameters to the method
   O To terminate a loop

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

   O To set the residual value in an expression where the method is used
23. How is a Python socket different than a Python file handle?
                                                                                                             1 point
   Opening a socket will never fail, while opening a file can fail

    You can read and write using the same socket

   The socket does not read all of the data when it is opened
                                                                                                             1 point
24. In the following XML, what is "type"?
           <person>
              <name>Chuck</name>
              <phone type="intl">
               +1 734 303 4456
              </phone>
              <email hide="yes" />
           </person>

    Simple element

   An attribute
   ○ Tag
   O Value
   XML syntax error
   O Complex element
                                                                                                             1 point
25. Which programming language serves as the basis for the JSON syntax?
   JavaScript
   O Java
   O Python
   O SCALA
   O PHP
Coursera Honor Code Learn more
     I, Thomas AWOUNFOUET NGOUFACK, understand that submitting work that isn't my own may result in permanent failure of this
     course or deactivation of my Coursera account.
```

Save draft

☐ Report an issue

Submit

🖒 Like 🖓 Dislike

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

O UTF-32

O UTF-8

1 point