QUIZ

Started on	Monday, 11 November 2024, 2:15 PM
State	Finished
Completed on	Monday, 11 November 2024, 2:28 PM
Time taken	12 mins 51 secs

Question 1

Complete

Marked out of 1.00

Which of the following is used to create a set in Python?

- ○ a.   []
- ◉ b.   {}
- ○ c.   None of these
- ○ d.   ()

Question 2

Complete

Marked out of 1.00

What is the correct way to declare a list in Python?

- ○ a.   list = <>
- ○ b.   list = ()
- ◉ c.   list = []
- ○ d.   list = {}

Question 3

Complete

Marked out of 1.00

Which of the following is NOT a valid attribute of the `sys` module?

- ○ a.   sys.exit
- ○ b.   sys.path
- ○ c.   sys.argv
- ◉ d.   sys.time

Question 4

Complete

Marked out of 1.00

In Python, which of these data structures is immutable?

- a. Set
- ⦿ b. Tuple
- c. List
- d. Dictionary

Question 5

Complete

Marked out of 1.00

Which of these functions would you use to sort elements of a list in ascending order?

- ⦿ a. list.sort()
- b. sorted()
- c. sort()
- d. arrange()

Question 6

Complete

Marked out of 1.00

What is the output of `print("Python".lower())`?

- a. Python
- b. Error
- c. PYTHON
- ⦿ d. python

Question 7

Complete

Marked out of 1.00

What is the output of `print(2 ** 3)`?

- a. 6
- b. 9
- ⦿ c. 8
- d. 5

Question 8

Complete

Marked out of 1.00

How would you open a file named `data.txt` for reading?

- a. open('data.txt')
- b. Both a and c
- c. open('data.txt', 'w')
- d. open('data.txt', 'r')

Question 9

Complete

Marked out of 1.00

Which of the following operators is used for string concatenation in Python?

- a. &
- b. %
- c. +
- d. *

Question 10

Complete

Marked out of 1.00

Which of these is a keyword in Python used for exception handling?

- a. catch
- b. final
- c. throw
- d. except

Question 11

Complete

Marked out of 1.00

The keyword `global` is used to _____.

- a. Declare a global variable
- b. Declare a local variable
- c. Define a function
- d. Exit a loop

Question 12

Complete

Marked out of 1.00

In Python, what does the `*args` syntax in a function definition allow?

- ◉ a. Multiple positional arguments
- ○ b. Multiple keyword arguments
- ○ c. None of these
- ○ d. Single argument

Question 13

Complete

Marked out of 1.00

How would you access the last element of a list `my_list`?

- ○ a. my_list[1]
- ◉ b. my_list[-1]
- ○ c. my_list[last]
- ○ d. my_list[len(my_list)]

Question 14

Complete

Marked out of 1.00

What will `print({1, 2, 2, 3, 4})` display?

- ○ a. [1, 2, 3, 4]
- ○ b. {1, 2, 2, 3, 4}
- ◉ c. {1, 2, 3, 4}
- ○ d. None

Question 15

Complete

Marked out of 1.00

Which method returns the number of items in a list?

- ○ a. items()
- ◉ b. len()
- ○ c. count()
- ○ d. size()

Question 16

Complete

Marked out of 1.00

What is the output of the following code snippet: print(type(10))?

- ○ a.   float
- ○ b.   str
- ◉ c.   int
- ○ d.   list

Question 17

Complete

Marked out of 1.00

How is an inline comment represented in Python?

- ○ a.   // comment
- ○ b.   /* comment */
- ○ c.   <!— comment -->
- ◉ d.   # comment

Question 18

Complete

Marked out of 1.00

Which Python keyword is used to create a class?

- ○ a.   define
- ◉ b.   class
- ○ c.   def
- ○ d.   object

Question 19

Complete

Marked out of 1.00

Which data type is used to store text in Python?

- ◉ a.   str
- ○ b.   float
- ○ c.   bool
- ○ d.   int

What keyword is used to define a function in Python?

○ a. define

◉ b. def

○ c. function

○ d. lambda