



Python Quiz
20 Questions

NAME : _____

CLASS : _____

DATE : _____

1. What is Python?

☐ A A database system

☐ B A programming language

☐ C A tool for data analysis

☐ D A snake

2. In Python, which keyword is used for the "else if" condition?

☐ A elseif

☐ B elseif

☐ C elif

☐ D else if

3. How do you concatenate two strings in Python?

☐ A str1 + str2

☐ B str1 . str2

☐ C str1 - str2

☐ D str1 : str2

4. What does `my_list.append(5)` do?

- ☐ A Adds 5 to the beginning of the list
- ☐ C Removes the last element in the list

- ☐ B Removes the first occurrence of 5
- ☐ D Adds 5 to the end of the list

5. What is the result of `3 ** 2`?

- ☐ A 6
- ☐ C 9

- ☐ B 27
- ☐ D 12

6. Which function is used to find the length of a list?

- ☐ A `len()`
- ☐ C `size()`

- ☐ B `count()`
- ☐ D `length()`

7. How can you create a list of squares from 1 to 10 using list comprehension?

- ☐ A `[x ** 2 | x in range(1, 11)]`
- ☐ C `(x ** 2 for x in range(1, 11))`

- ☐ B `[x * x for x in range(1, 11)]`
- ☐ D `[x for x in range(1, 11)]`

8. What does the `map` function do in Python?

- ☐ A Sorts the elements of a list
- ☐ C Creates a map visualization

- ☐ B Filters elements based on a given condition
- ☐ D Applies a function to each item in an iterable

9. Which of the following is not a valid Python data type?

☐ A

float

☐ B

int

☐ C

char

☐ D

str

10. How is the ternary operator represented in Python?

☐ A

if-elif-else

☐ B

?:

☐ C

?:

☐ D

if-else

11. What method can be used to convert a string to uppercase?

☐ A

upper()

☐ B

uppercase()

☐ C

caseUpper()

☐ D

toUpper()

12. How do you remove an element by value from a list?

☐ A

pop(x)

☐ B

discard(x)

☐ C

remove(x)

☐ D

delete(x)

13. What is the result of 10 / 3?

☐ A

3.0

☐ B

3.3333333333333335

☐ C

3

☐ D

3.333

14. Which function is used to find the maximum value in a list?

☐ A maximum()

☐ B max()

☐ C top()

☐ D largest()

15. What does `[x for x in range(10) if x % 2 == 0]` produce?

☐ A List of even numbers from 0 to 9

☐ B List of all numbers from 1 to 10

☐ C List of all numbers from 0 to 9

☐ D List of even numbers from 1 to 10

16. What is the purpose of the lambda function in the map function?

☐ A Sorts the elements of a list

☐ B Defines a named function

☐ C Filters elements based on a condition

☐ D Applies a function to each element in the iterable

17. What is the result of `2 + '3'`?

☐ A '23'

☐ B 5

☐ C TypeError

☐ D '5'

18. How can you check if a number is negative in an if statement?

☐ A `if num < 0:`

☐ B `if num = negative:`

☐ C `if num == 0:`

☐ D `if num is negative:`

19. How do you check if a string starts with the word "Hello"?

- | | | | |
|----------------------------|--------------------------------|----------------------------|---------------------------------|
| <input type="checkbox"/> A | if string.starts('Hello'): | <input type="checkbox"/> B | if string[:5] == 'Hello': |
| <input type="checkbox"/> C | if string.startsWith('Hello'): | <input type="checkbox"/> D | if string.starts_with('Hello'): |

20. What is the difference between extend and append methods in lists?

- | | | | |
|----------------------------|--|----------------------------|--|
| <input type="checkbox"/> A | extend adds a list to the end, append adds elements to the end | <input type="checkbox"/> B | There is no difference |
| <input type="checkbox"/> C | They are used interchangeably | <input type="checkbox"/> D | extend adds elements to the end, append adds a list to the end |

Answer Key

1. b

2. c

3. a

4. d

5. c

6. a

7. b

8. d

9. c

10. d

11. a

12. c

13. b

14. b

15. a

16. d

17. c

18. a

19. b

20. a