

Python Fundamentals Quiz: 25 Multiple-Choice Questions

1. What is the command used to display output (print text or values) in Python?

- A. show()
- B. output()
- C. print()
- D. display()

Answer: C

2. Which of the following is the correct way to assign the value 10 to a variable named x?

- A. x = 10
- B. x == 10
- C. 10 = x
- D. x : 10

Answer: A

3. In Python, what data type is the value "Hello World"?

- A. Integer (int)
- B. Float (float)
- C. String (str)
- D. Boolean (bool)

Answer: C

4. Which data type is used to store whole numbers (without decimals) like 10, -5, or 1000?

- A. String (str)
- B. Float (float)
- C. Integer (int)
- D. List

Answer: C

5. What will be the result of the following expression: $5 + 3 * 2$?

- A. 16
- B. 11
- C. 13
- D. 10

Answer: B

6. Which operator is used for exponentiation (raising a number to a power) in Python?

- A. ^
- B. **
- C. /
- D. *

Answer: B

7. Which of the following is an example of a Python comment?

- A. // This is a comment
- B. /* This is a comment */
- C. ``
- D. # This is a comment

Answer: D

8. What is the data type of the value 3.14?

- A. Integer (int)
- B. Float (float)
- C. String (str)
- D. List

Answer: B

9. Which built-in function is used to find out the data type of a variable?

- A. data()
- B. type()
- C. format()
- D. info()

Answer: B

10. What is the output of `print(7 // 3)`? (Note: `//` is the floor division operator)

- A. 2.333
- B. 2
- C. 1
- D. 3

Answer: B

11. How do you separate multiple objects in print function in Python?

- A. `print(a,b,c,d)`
- B. `print(abc$d)`
- C. `Print(a,b,c,d)`
- D. `print(a_b_c_d)`

Answer: A

12. What is the current format of String?

- A. ;Hello;
- B. [Hello]
- C. "Hello"
- D. <Hello>

Answer: C

13. What is the correct way to use assignment operator '+='?

- A. a b +=
- B. a += b
- C. += ab
- D. a + = b

Answer: B

14. What function is used to convert a variable into an Integer?

- A. integer()
- B. str()
- C. int()
- D. num()

Answer: C

15. What will the following code snippet print: print("Py" + "thon")?

- A. Py + thon
- B. Python
- C. Py thon
- D. Error

Answer: B

16. What is the operator used for finding the remainder of a division?

- A. /
- B. //
- C. %
- D. *

Answer: C

17. Which of the following is a valid variable name in Python?

- A. 1st_name
- B. user-name
- C. _user_name
- D. for (a reserved keyword)

Answer: C

18. What is the output of `print(4 * 'a')`?

- A. 4a
- B. a4
- C. aaaa
- D. Error

Answer: C

19. What does `""" """` or `''' '''` do?

- A. Beautify the String
- B. Print string directly without print function
- C. Multiple line String
- D. Convert String to Integer

Answer: C

20. Python is

- A. Easy to Learn.
- B. Open Source.
- C. Dynamic Language.
- D. All of the Above.

Answer: D

21. What function is used to get input from the user in the console?

- A. get()
- B. input()
- C. read()
- D. user_data()

Answer: B

22. When using the input() function, what data type is the user's input always treated as?

- A. Integer (int)
- B. Float (float)
- C. String (str)
- D. Boolean (bool)

Answer: C

23. What is the result of print(len("Code"))? (The len() function returns the length of a string/list)

- A. 5
- B. 4
- C. 3
- D. 0

Answer: B

24. What does `\n` do?

- A. Add comment
- B. Stop Python Execution
- C. Next Line
- D. New File

Answer: C

25. What is the result of `print(True and False)`? (This is a Boolean operation)

- A. True
- B. False
- C. 0
- D. 1

Answer: B