

Python Programming Important MCQ's

Sr.
No.

Multiple Choice Questions.

- 1 The founder of Python is____.
a) Charles Babbage b) Guido van Rossum c) Dennis Ritchie d) Larry Wall
- 2 Which one of the following is the correct extension of the Python file?
a) .py b) .python c) .p d) None of these
- 3 Which of the following is an advantage of a tuple over a list?
a) More built-in methods b) Faster and less memory
c) Mutability d) None of these
- 4 Which mode is used to open a file for writing and create it if it does not exist?
a) r b) w c) a d) None of these
- 5 What do we use to define a block of code in Python language?
a) Brackets b) Indentation c) Key d) None of these
- 6 The symbol that is placed at the end of if condition is
a) & b); c) ~ d):
- 7 Which keyword is used to define a function in Python?
a) define b) function c) define_function d)def
- 8 Which of the following is the mode to read the file in binary mode?
a) b b) bin c) binary d) None of these
- 9 _____ are not allowed as part of an identifier.
a) Spaces b) Numbers c) Underscore d) Alphabets
- 10 Which of the following cannot be a Python variable name?
a) var_1 b) var1 c) 1var d) None of these
- 11 What is the output of the following segment :

chr(ord('A'))

a) A b) a c) B d) b
- 12 Which control flow statement is used to repeatedly execute a block of code as long as a condition is true?
a) if statement b) nested if statement c) while loop d) else statement

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- 13 Which of the following is true about tuple?
- a) Can contain elements of different data types b) Enclosed by circular brackets c) Cannot reassign the values of the elements d) All of these
- 14 Which of the following methods is used to add an item to the end of a list in Python?
- a) insert() b) add() c) append() d) extend()
- 15 What will be the output of the following code?
- ```
print(int(4.9))
```
- a) 4      b) 5      c) 4.0      d) Error
- 16 What is the result of the following code?
- ```
my_string = "Hello,World!"  
print(my_string[4:9])
```
- a) 'lo,Wor' b) 'o,Wor' c) 'lo,Wo' d) 'o,Worl'
- 17 What is the result of the following code?
- ```
for i in range(1, 6):
 print(i)
```
- a) 1 2 3 4 5      b) 5 4 3 2 1      c) 0 1 2 3 4      d) None of these
- 18 Which of the following gives the output as False?
- a) '4.0'=='4.0'      b) '5.0'==5.0      c) 3.1>3      d) None of these
- 19 In a Python program, Nested if Statements denotes?
- a) if statement inside another if statement  
b) if statement outside the another if statement  
c) Both a and b  
d) None of the mentioned above

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- 20 Which mode is used to open a file for writing and create it if it does not exist?  
a) r                                      b) w                                      c) a                                      d) none
- 21 What do we use to define a block of code in Python language?  
a) Brackets                              b) Indentation                              c) Key                                      d) None of these
- 22 Which of the following is true about local variables?  
a) Accessible throughout the program                              b) Accessible in all functions  
c) Accessible only in that function                              d) None of these
- 23 How many digits are allowed in the float data type after the decimal point?  
a) 5                                      b) 10                                      c) 15                                      d) 20
- 24 Find the output of the following code?  
`divmod(8,2)`  
  
a) (4,1)                              b) (5,2)                                      c) (4,0)                                      d) (5,0)
- 25 List, tuple, and range are the \_\_\_\_ of Data Types.  
a) Sequence Types    b) Binary Types                              c) Binary Types                              d) None of these
- 26 Which of the following blocks will always be executed whether an exception is encountered or not in a program?  
a) try                                      b) except                                      c) finally                                      d) None of these
- 27 Which of the following is true about local variables?  
a) Accessible throughout the program                              b) Accessible in all functions  
c) Accessible only in that function                              d) None of these
- 28 Which of the following is a property of a list but not a tuple?  
a) Ordered                              b) Mutability                              c) Immutability                              d) Heterogeneous

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29 Which of the following gives the output as

'EFG' is `str1='abcdEFGhij'`?

a) `str1[5:8]`

b) `str1[4:6]`

c) `str1[4:7]`

d) `str1[-7:-4]`

30 Which of the following is a complex number?

a)  $l = 4 + 5k$

b)  $l = 4i$

c)  $l = 4 + 5$

d)  $l = 4 + 5j$