

# Python Fundamental Assessment

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**44/50 (88%)**

Python files are saved with the extension as ..?

- ,python      1/1      ATTEMPTED
- .pi
- .py
- .pe

2.

In which language Is Python written?

- English      0/1      ATTEMPTED
- PHP
- C
- All of the above

3.

What is the maximum possible length of an Identifier?

16

0/1

ATTEMPTED

32

64

None of the above

**4.**

**Which of the following is the correct way to assign a number to a variable?**

var='8'

1/1

ATTEMPTED

var='8'

var==8

var=8

**5.**

**Which of the following is a mutable data type**

Tuple

1/1

ATTEMPTED

Float

List

String

**6.**

**Which of the following operators gives 0 as the output when both the inputs are the same?**

1/1

ATTEMPTED

 OR AND NOT XOR**7.****What will be the output of the following code?****x = 5****y = x % 2==0****type(y)** int

1/1

ATTEMPTED

 float bool error**8. What arithmetic operators can not be used with strings in python?**

0/1

ATTEMPTED

 \* minus(-) +

- All of the mentioned

**9. Which of the following operators gives 0 as the output when both the inputs are the same?**

1/1

ATTEMPTED

- OR
- AND
- NOT
- XOR

**10.**

Identify the output of the following code.

```
print(2**1*3,end=" ")
print(2*1**3)
```

- 2 2
- 8 2
- 6 6
- 6 2

1/1

ATTEMPTED

**11.**

What is the output of the following code?

```
if('' or 5 and True):
    print("Hello",end=" ")
else:
    print('Hi',end=" ")
print('!')
```

Hello !

Hi!

Hi

Hello

## 12.

Which of the following code blocks give an error?

```
a.  
opt=2  
if(opt==1):  
    print('Choosen first option')  
elif(opt==2):  
    print('Choosen second option')  
elif(opt==3):  
    print('Choosen third option')  
b.  
if(1): print('If block')  
else: print('Else block')  
c.  
no=5  
if(no%2==0):  
    print('Even Number')  
else(no%2==1):  
    print('Odd Number')
```

a

c

b and c

b

13.

Which of the following gives the output as 3?

```
a.  
a=10  
b=4  
if(a&b):  
    print((a-b)/2)  
else:  
    print(a-b/2)  
b.  
a=10  
b=4  
if(a^b):  
    print((a-b)/2)  
else:  
    print(a-b/2)  
c.  
a=10  
b=4  
if(~a):  
    print(a-2*b+1)  
else:  
    print(a-b/2)  
d.  
a=10  
b=4  
if(a-b):  
    print(a-2*(b+1))  
else:  
    print(a-b/2)
```

1/1

ATTEMPTED

a

b

c

d

14.

.Which of the following is true about the decision-making statements?

1/1

ATTEMPTED

- We can use the 'break' keyword inside these statements
- We can execute if and else at the same time
- We can use the 'pass' keyword inside the conditional statements
- None of the above

15.

**Which of the following is not used as loop in Python?**

- for loop
- while loop
- do-while loop
- None of the above

1/1

ATTEMPTED

16.

**Which of the following is False regarding loops in Python?**

- Loops are used to perform certain tasks repeatedly.
- While loop is used when multiple statements are to be executed repeatedly until the given condition becomes False
- While loop is used when multiple statements are to be executed repeatedly until the given condition becomes True.
- for loop can be used to iterate through the elements of lists.

1/1

ATTEMPTED

**17.**

**Which of the following is True regarding loops in Python?**

- Loops should be ended with keyword "end".
- No loop can be used to iterate through the elements of strings.
- Keyword "break" can be used to bring control out of the current loop.
- Keyword "continue" is used to continue with the remaining statements inside the loop.

1/1

ATTEMPTED

**18.**

**Which of the following is not a control statement in loops?**

- break
- end
- continue
- None of the above

1/1

ATTEMPTED

**19.**

**.What is the output of the following code?**

```
for i in range(5):
    if(i%2):print(i,end=' ')
```

- 1 3

- 0 2 4

1/1

ATTEMPTED

135

24

**20.**

**Study the following program:**

```
z ="xyz"
j ="j"
while j in z:
    print(j,end=" ")
```

**What will be the output of this statement?**

j

1/1 ATTEMPTED

jjj

error

No output

**21.**

**Which of the following operations can be performed on a dictionary?**

Addition

1/1 ATTEMPTED

Multiplication

Membership

All the above

**22.**

**Which of the following is not true about the set?**

- Encloses elements using curly brackets
- Mutable
- Uses hash tables
- None of the above

1/1

ATTEMPTED

**23.**

**Which of the following cannot be used for deleting values of sets?**

- discard
- pop
- del
- None of the above

1/1

ATTEMPTED

**24.**

**What will be the output of the following code?**

```
list1=[' ']*3  
print(len(list1))
```

- 1

1/1

ATTEMPTED

2

3

Error

**25.**

**Which of the following is true about keyword arguments?**

1/1

ATTEMPTED

- A We can pass the keywords as the arguments
- B We can give the argument in a particular order
- C We can equate the value to the corresponding parameter name while passing
- D All the above

**26.**

**PYTHONPATH is a \_\_\_\_ variable.**

1/1

ATTEMPTED

- A Local
- B Global
- C Environmental
- D None of the above

**27.**

**What keyword is used to rename a module while importing.**

1/1

ATTEMPTED

rename

- as
- new
- in

**28.**

Find the output of the following code?

```
def fun(lst):
    def func(n):
        s=0
        for i in range(0,n+1):
            s=s+lst[i]
        return s
    for i in range(len(lst)):
        print(func(i),end=' ')
fun([1,3,5])
```

0/1

ATTEMPTED

- 014
- 149
- 0149
- None of the above

**29. Which of the following is not a function argument in Python?**

ATTEMPTED

1/1

- keyword argument
- Variable length argument
- default argument

- none of these

**30. What is the standard number of spaces used for indentation in Python?**

1/1

ATTEMPTED

- 1 space
- 2 space
- 3 space
- 4 space

**31. In which of the following cases is indentation NOT necessary?**

1/1

- Inside a function
- Inside a loop
- After an if statement
- After a comment

**32. What is the output of the following code? x = [1, 2, 3] print(type(x))**

1/1

ATTEMPTED

- <class 'tuple'>
- <class 'list'>
- <class 'dict'>

<class 'set'>

**33. What is the result of the following code snippet? z = "Hello, World!"**

`print(z[0:5])`

0/1

ATTEMPTED

Hello

Hello,

Hello, W

H

**34. What will the following code print? a = None print(type(a))**

ATTEMPTED

1/1

<class 'NoneType'>

<class 'int'>

<class 'str'>

<class 'bool'>

**35. What does the following code snippet return? s = "Hello, World!"**

`print(s.split(","))`

1/1

ATTEMPTED

['Hello', 'World!']

['Hello,', 'World!']

['Hello', 'World']

- ['Hello', 'World']

**36. What is the output of this code? s = " Python " print(s.strip())**

ATTEMPTED

1/1

- Python

- Python

- python

- python

**37. Which of the following statements is true about the following list comprehension? nums = [1, 2, 3, 4] doubled = [x \* 2 for x in nums]**

1/1

ATTEMPTED

- It creates a list of numbers from 1 to 4.

- It creates a list of numbers from 2 to 8.

- It creates a list of doubled values of nums.

- It creates a list of squared values of nums.

**38. Which of the following is an incorrect way to use list comprehension?**

0/1

ATTEMPTED

- [x \* 2 for x in range(10)]

- [x for x in range(10) if x > 5]

- [x for x in range(10) if x % 2]

- `[(x, y) for x in range(5) for y in range(5)]`

**39. What is the correct syntax to define a function in Python?** 1/1

ATTEMPTED

- `def function_name[]:`
- `function function_name():`
- `def function_name():`
- `function_name():`

**40. What will the following code output? `def my_function(): return 42` `result = my_function()` `print(result)`**

1/1

ATTEMPTED

- None
- 42
- my\_function
- Error

**41. What will be the output of the following code? `def print_info(name, age):` `print(f"Name: {name}, Age: {age}")` `print_info(age=30, name="Bob")`**

1/1

ATTEMPTED

- Name: Bob, Age: 30
- Name: 30, Age: Bob
- Error

- Name: Bob

**42. What type of argument is defined with a default value?** 1/1 ATTEMPTED

- Positional argument
- Keyword argument
- Default argument
- Variable-length argument

**43. What is the scope of a variable defined inside a function?** 1/1 ATTEMPTED

- Global scope
- Local scope
- Enclosing scope
- Module scope

**44. What does the lambda keyword do in Python?** 1/1 ATTEMPTED

- It defines a function with a name.
- It creates an anonymous function.
- It creates a class.
- It defines a variable.

## 45. What does the filter function do in Python?

1/1

ATTEMPTED

- It maps values to a new list.
- It reduces a list to a single value.
- It filters elements from a list based on a condition.
- It sorts a list.

## 46. What does the map function do in Python?

1/1

ATTEMPTED

- It creates a new list by applying a function to each element of a list.
- It filters elements from a list based on a condition.
- It reduces a list to a single value.
- It sorts a list.

## 47. What does the reduce function do in Python?

1/1

ATTEMPTED

- It maps values to a new list.
- It filters elements from a list based on a condition.
- It applies a rolling computation to sequential pairs of values in a list.
- It sorts a list.

## 48. How do you import a module in Python?

1/1

ATTEMPTED

- `import module_name`

- include module\_name
- require module\_name
- load module\_name

**49. Which of the following statements is true regarding the use of modules in Python?**

1/1    ATTEMPTED

- A module can only contain functions.
- A module can contain classes and variables in addition to functions.
- You cannot create your own modules.
- Modules cannot be imported into other modules.

**50. How can you import only a specific function from a module?**

ATTEMPTED

1/1

- from module\_name import function\_name
- import module\_name.function\_name
- require module\_name.function\_name
- include module\_name.function\_name