

# Python Final Assessment

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**Score Obtained:** RETAKE (/PACKAGE-COST-DETAILS/#) **44/50 (88%)** VIEW REPORT

**What is the default compiler for Python?**

Jython

1/1

ATTEMPTED

Cython

PyPy

ActivePython

**2.**

**Python files are saved with the extension as ..?**

.python

1/1

ATTEMPTED

.pi

.py

.pe

**3.**

**IDLE stands for ... ?**

- Indigenous Development Labb.
- Integrated Development and Learning Environment
- . Indie Developers Environmen
- Integrated Development Local Environment

1/1

ATTEMPTED

**4.**

**In which language is Python written?**

- English
- PHP
- C
- All of the above

1/1

ATTEMPTED

**5.**

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

- var='8'
- var='8'
- var==8
- var=8

1/1

ATTEMPTED

**6.**

**What is the maximum possible length of an identifier?**

- 16
- 32
- 64
- None of the above

0/1

ATTEMPTED

**7.**

**What is the output of following code**

```
a=1.7  
a=int(a)  
b=a*a  
print(type(b))
```

- float
- int
- boolean
- None of the above

1/1

ATTEMPTED

**8.**

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

- for loop
- while loop

1/1

ATTEMPTED

- do-while loop
- None of the above

9.

What will be the output of the following Python code?

```
i = 0  
while i < 5:  
    print(i)  
    i += 1  
    if i == 3:  
        break  
    else:  
        print(0)
```

- <p>0 1 2 0</p>
- <p>0 1 2</p>
- <p>error</p>
- <p>none of the mentioned</p>

1/1

ATTEMPTED

10.

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

- discard
- pop

1/1

ATTEMPTED

- A del
- B None of the above

11.

What will be the value of 'result' in following Python program?

```
list1 = [1,2,3,4]
list2 = [2,4,5,6]
list3 = [2,6,7,8]
result = list()
result.extend(i for i in list1 if i not in (list2+list3) and i not in result)
result.extend(i for i in list2 if i not in (list1+list3) and i not in result)
result.extend(i for i in list3 if i not in (list1+list2) and i not in result)
print(result)
```

- [1,3,5,7,8]

1/1

ATTEMPTED

- [1, 7, 8]

- [1, 2, 4, 7, 8]

- error

12.

Which of the following is not true about function arguments?

- A A function in Python can have any number of arguments
- B All the arguments must be passed while calling the function
- C A function can be defined without any argument

1/1

ATTEMPTED

- A All the above

13.

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])
```

1/1

ATTEMPTED

- 0 1 4

- 1 4 9

- 0 1 4 9

- None of the above

14.

Which of the following is not a valid file accessing mode?

1/1

ATTEMPTED

- r+

- rw

- a

- w+

15.

To read two characters from a file object f, we use \_\_\_\_\_

f.read()

1/1

ATTEMPTED

f.read(2)

f.read(a,b)

f.read(0,2)

16.

```
>>> class Fruit:  
>>>     pass  
>>> print(Fruit.__name__)
```

A class

0/1

ATTEMPTED

A \_\_main\_\_

A AttributeError

A Fruit

17.

Which of the following statement(s) is/are true?

**Statement 1:** Giving different names to the same object is called Object Aliasing.

**Statement 2:** Python raises a NameError when we try to access a deleted object.

1/1

ATTEMPTED

- A Statement 1 is true
- B Statement 2 is true
- C Both statements are true
- D None of the statements are true

18.

Which of the following statement(s) is/are true?

**Statement 1: Multiple Inheritance allows a class to inherit multiple classes.**

**Statement 2: A combination of two or more types of inheritance is called Hybrid Inheritance.**

- 1/1 ATTEMPTED
- A Statement 1 is true
  - B Statement 2 is true
  - C Both statements are true
  - D None of the statements are true

19.

. What is the output of the below code?

**Code**

```
>>> class Reeta:  
>>>     name = "Reeta"  
>>>     blood_group = "B Positive"  
>>> class Priyanka(Reeta):  
>>>     name = "Priyanka"  
>>> person = Priyanka()  
>>> print(person.name, "-", person.blood_group)
```

1/1 ATTEMPTED

A Priyanka - B Positive

A Reeta - B Positive

A Runtime error

A Compile-time error

**20.**

What is the output of the below code?

Code

```
>>> class Dual:  
>>>     def __init__(self):  
>>>         print('Constructor 1')  
>>>     def __init__(self):  
>>>         print('Constructor 2')  
>>> obj = Dual()
```

1/1

ATTEMPTED

A Constructor 1

A Constructor 2

A SyntaxError

A The program compiles but prints nothing

**21.**

What is the output of the below code?

Code

```
>>> class Addition:  
>>>     def __init__(self, num):  
>>>         self.num = num  
  
>>>     def __add__(self, other):  
>>>         return self.num - other.num  
  
>>> num1 = Addition(10)  
>>> num2 = Addition(3)  
>>> print(num1 + num2)
```

1/1

ATTEMPTED

13

-7

7

-13

**22.**

**What keyword is used to define a class?**

def

1/1

ATTEMPTED

self

class

None of these

23.

```
>>> class Fruit:  
>>>     pass  
>>> print(Fruit.__name__)
```

A class

A \_\_main\_\_

A AttributeError

A Fruit

0/1

ATTEMPTED

24.

Which of the following represents a real-world entity?

A Object

A Class

A Instance

A Method

1/1

ATTEMPTED

25.

What type of attributes create unique objects in Python?

A Class attributes

1/1

ATTEMPTED

A Instance attributes

B Static attributes

C Unique attributes

**26.**

Constructors       an object.

0/1

ATTEMPTED

A Create

B Instantiate

C Duplicate

D Delete

**27.**

What is the output of the below code?

**Code**

```
>>> class SomeClass:  
  
>>>     def __init__(self):  
>>>         print('Instantiated')  
  
>>> print(SomeClass())
```

1/1

ATTEMPTED

A Instantiated

B SyntaxError

C Both A and B

28.

```
class Lemon:  
>>>     taste = 'Sour'  
  
>>> class Mango:  
>>>     taste = 'Sweet'  
  
>>> class SomeFruits(Mango, Lemon):  
>>>     pass  
>>> class Fruit(SomeFruits, Lemon):  
>>>     pass  
  
>>> print(Fruit().taste)
```

A Sour

0/1

ATTEMPTED

B Sweet

C TypeError

D AttributeError

29.

What is the output of the below code?

```
try:  
    div=5/0  
except (ZeroDivisionError,TypeError) as e:  
    print(e)  
except Exception as e:  
    print(e)
```

A ZeroDivisionError

1/1

ATTEMPTED

B e

A division by zero

B SyntaxError

**30.**

.Find the output of the below code.

try:

    n=0

    assert n>0

    raise

except:

    print('Exception')

1/1

ATTEMPTED

A AssertionError

B AssertionErrorException

C Exception

D None of the above

**31.**

What is the output of the below code?

Code

```
>>> class Dual:  
>>>     def __init__(self):  
>>>         print('Constructor 1')  
>>>     def __init__(self):  
>>>         print('Constructor 2')  
>>> obj = Dual()
```

1/1

ATTEMPTED

A Constructor 1

- A Constructor 2
- B SyntaxError
- C The program compiles but prints nothing

**32.**

**What is the output of the below code?**

**Code**

```
>>> class Addition:  
>>>     def __init__(self, num):  
>>>         self.num = num  
  
>>>     def __add__(self, other):  
>>>         return self.num - other.num  
  
>>> num1 = Addition(10)  
>>> num2 = Addition(3)  
>>> print(num1 + num2)
```

1/1    ATTEMPTED

- 13
- 7
- 7
- 13

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

1/1    ATTEMPTED

- 1 space

2 space

3 space

4 space

**34. What will the following code output? count = 0 while count < 3:**

`print(count) count += 1`

1/1

ATTEMPTED

0 1 2 3

0 1 2

0 1 2 3 4

Infinite loop

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

`print(z[0:5])`

1/1

ATTEMPTED

Hello

Hello,

Hello, W

H

**36. What will be the output of the following code? def greet(name): return "Hello, " + name print(greet("Alice"))**

1/1

ATTEMPTED

Hello, Alice

greet("Alice")

Hello

None

### 37. Which of the following statements about function parameters is true?

1/1

ATTEMPTED

- Functions can only have one parameter.
- Function parameters must be of the same data type.
- Functions can have default parameters.
- Function parameters cannot be changed inside the function.

### 38. What will be the output of this code? `def multiple_returns(): return 1, 2, 3` `result = multiple_returns()` `print(result)`

0/1

ATTEMPTED

- 1
- 1, 2, 3
- [1, 2, 3]
- (1, 2, 3)

### 39. What is the purpose of keyword arguments in a function?

ATTEMPTED

- 1/1
- To allow a function to accept a variable number of arguments.
  - To specify arguments by name rather than position.
  - To define default values for parameters.

- To indicate the end of arguments.

**40. Which of the following is a base case in a recursive function?**

ATTEMPTED

1/1

- A case that leads to an infinite loop.
- A case that prevents further recursion.
- A case that does not return any value.
- A case that always calls itself.

**41. What will happen if the base case in a recursive function is omitted?**

1/1

ATTEMPTED

- The function will always return None.
- The function will raise an error immediately.
- The function will enter an infinite recursion.
- The function will run successfully but return an incorrect value.

**42. What does the regular expression  $a|b$  match?**

1/1

ATTEMPTED

- The string "a" or the string "b"
- The string "ab"
- Any string containing "a" or "b"
- Any string starting with "a" or "b"

**43. Which method is used in BeautifulSoup to find all occurrences of a tag in a document?**

1/1

ATTEMPTED

- find()
- select()
- find\_all()
- get()

**44. Which of the following character classes matches any digit?**

1/1

- [0-9]
- [a-z]
- [^0-9]
- [A-Z]

**45. What does the character class [^abc] match?**

1/1

ATTEMPTED

- The characters 'a', 'b', or 'c'
- Any character except 'a', 'b', or 'c'
- Only the first character in the class
- Any letter

**46. What is the primary purpose of the requests library in Python?**

1/1

ATTEMPTED

- To parse HTML documents
- To make HTTP requests
- To manipulate JSON data
- To visualize data

**47. What will the following code output? try: print(1 / 0) except ZeroDivisionError: print("Division by zero!")**

1/1

ATTEMPTED

- 0
- 1
- Division by zero!
- None of the above

**48. What does the finally block do in exception handling?**

1/1

ATTEMPTED

- It runs only if there is no exception.
- It runs only if an exception occurs.
- It always runs, regardless of whether an exception occurred or not.
- It defines a custom exception.

**49. Which module is used for pickling and unpickling in Python?**

ATTEMPTED

- 1/1
- json
  - pickle

marshal

threading

## 50. What happens if you call `seek(0)` on a file opened in read mode?

1/1

ATTEMPTED

- It moves the file pointer to the end of the file.
- It resets the file pointer to the beginning of the file.
- It raises an IOError.
- It closes the file.