

# Python Final Assessment

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Score Obtained:

44/50 (88%)

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VIEW REPORT

What is the default compiler for Python?

- ☐ Jython

☒ Cython

☐ PyPy

☐ ActivePython
- 1/1
- ATTEMPTED

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

- ☐ .python

☐ .pi

☒ .py

☐ .pe
- 1/1
- ATTEMPTED

3.

**IDLE stands for ... ?**

1/1

ATTEMPTED

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

4.

**In which language is Python written?**

1/1

ATTEMPTED

- ☐ English
- ☐ PHP
- ☒ C
- ☐ All of the above

5.

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

1/1

ATTEMPTED

- ☐ var='8'
- ☐ var="8"
- ☐ var==8
- ☒ var=8

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

- ☒ del
- ☐ 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 function in Python can have any number of arguments

1/1

ATTEMPTED

- ☒ All the arguments must be passed while calling the function

- ☐ A function can be defined without any argument

- ☐ 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

- ☐ 014
- ☒ 14 9
- ☐ 014 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()
- ☒ f.read(2)
- ☐ f.read(a,b)
- ☐ f.read(0,2)

1/1

ATTEMPTED

16.

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

- ☐ ^ class
- ☒ ^ \_\_main\_\_
- ☐ ^ AttributeError
- ☐ ^ Fruit

0/1

ATTEMPTED

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

- ☐ Statement 1 is true
- ☐ Statement 2 is true
- ☒ Both statements are true
- ☐ 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

- ☐ Statement 1 is true
- ☐ Statement 2 is true
- ☒ Both statements are true
- ☐ 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



- ☒ ^ Priyanka - B Positive
- ☐ ^ Reeta - B Positive
- ☐ ^ Runtime error
- ☐ ^ 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

- ☐ ^ Constructor 1
- ☒ ^ Constructor 2
- ☐ ^ SyntaxError
- ☐ ^ 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?

1/1

ATTEMPTED

- ☐ def
- ☐ self
- ☒ class
- ☐ None of these

23.

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

0/1

ATTEMPTED

- ☐ Â class
- ☒ Â \_\_main\_\_
- ☐ Â AttributeError
- ☐ Â Fruit

24.

Which of the following represents a real-world entity?

1/1

ATTEMPTED

- ☒ Â Object
- ☐ Â Class
- ☐ Â InstanceÂ
- ☐ Â Method

25.

What type of attributes create unique objects in Python?

1/1

ATTEMPTED

- ☐ Â Class attributes

- ☒ Instance attributes
- ☐ Static attributes
- ☐ Unique attributes

26.

Constructors \_\_\_\_ an object.

0/1

ATTEMPTED

- ☐ Create
- ☒ Instantiate
- ☐ Duplicate
- ☐ Delete

27.

What is the output of the below code?

Code

```
>>> class SomeClass:

>>>     def __init__(self):
>>>         print('Instantiated')

>>> print(SomeClass())
```

1/1

ATTEMPTED

- ☒ Instantiated
- ☐ SyntaxError
- ☐ 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)
```

☒ Sour

0/1

ATTEMPTED

☐ Sweet

☐ AttributeError

☐ TypeError

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)
```

☐ ZeroDivisionError

1/1

ATTEMPTED

☐ e

☒ Æ division by zero

☐ Æ SyntaxError

30.

.Find the output of the below code.

try:

```
n=0
```

```
assert n>0
```

```
raise
```

except:

```
print('Exception')
```

1/1

ATTEMPTED

☐ Æ AssertionError

☐ Æ AssertionErrorException

☒ Æ Exception

☐ Æ 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

☐ Æ Constructor 1

- ☒ Â Constructor 2
- ☐ Â SyntaxError
- ☐ Â 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)
```

- ☐ 13
- ☐ -7
- ☒ 7
- ☐ -13

1/1

ATTEMPTED

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?**

ATTEMPTED

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.