

1.What is the correct file extension for Python files?

- a) .pyt
- b) .pt
- c) .pyth
- d) .py

2.What is a correct syntax to return the first character in a string?

a) `x = "Hello"[0]`

b) `x = "Hello".sub(0, 1)`

c) `x = sub("Hello", 0, 1)`

3. Which of these collections defines a LIST?

- 1) ("apple", "banana", "cherry")
- 2) {"apple", "banana", "cherry"}
- 3) ["apple", "banana", "cherry"]
- 4) {"name": "apple", "color": "green"}

4. Which collection does not allow duplicate numbers \_\_\_\_\_

5. What is the correct way to create a function in Python?

- a) Function myFunction:
- b) Def myFunction:
- c) Func myFuntion:

6. In Python 3, the maximum value for an integer is  $2^{63} - 1$ : (Yes/No)

7. if 'bar' in {'foo': 1, 'bar': 2, 'baz': 3}:

print(1)

print(2)

if 'a' in 'qux':

print(3)

print(4)

8

What is the output of the following program :

```
y = 8  
z = lambda x : x * y  
print z(6)
```

A

48

B

14

C

64

D

None of the above



9

Which of these is not a core data type?

**A**

Lists

**B**

Dictionary

**C**

Tuples

**D**

Class