

Exam Name - Certified Professional Python Programmer (CPPP)

Exam Code – CPPP-001

Sample Exam

(Question): What are the method(s) that iterator object must implement?

- (A): `__iter__()`
 - (B): `__iter__()` and `__next__()`
 - (C): `__iter__()` and `__super__()`
 - (D): `__iter__()`, `__super__()` and `__next__()`
- (Correct): B

(Question): How can you create an iterator object from a list?

- (A): By passing the given list to the `iter()` function.
 - (B): By using a for loop.
 - (C): By using a while loop.
 - (D): You cannot create an iterable object from the list.
- (Correct): A

(Question): If a function contains at least one yield statement, it becomes _____

- (A): an iterable
 - (B): a generator function
 - (C): an anonymous function
 - (D): None of the above
- (Correct): B

(Question): What is the output of the following code?

```
my_list = [1, 3, 6, 10]
a = (x**2 for x in my_list)
print(next(a), next(a))
```

- (A): 1 3
 - (B): 1 9
 - (C): 1 9 36 100
 - (D): 1
- (Correct): B

(Question): What are the criteria's that must be met to create closure in Python?

- (A): Program Must have a function inside a function.
 - (B): The nested function must refer to a value defined in the enclosing function.
 - (C): The enclosing function must return the nested function.
 - (D): All of the above.
- (Correct): D

(Question): What is the output of the following code?

```
def Foo(n):
    def multiplier(x):
        return x * n
    return multiplier
```

```
a = Foo(5)
b = Foo(5)
print(a(b(2)))
```

- (A): 25
 - (B): 100
 - (C): 10
 - (D): 50
- (Correct): D