1 What is the keyword used to define a function in Python?

A) func  
B) define  
C) def  
D) function

Ans C

2 **Which of the following is a valid function call?**  
A) call myFunction()  
B) call.myFunction()  
C) myFunction()  
D) define myFunction()

Ans C

3 **What does a function return if there is no return statement?**  
A) 0  
B) null  
C) None  
D) False

Ans C

4 **How can we return multiple values from a function?**  
A) Using list  
B) Using tuple  
C) Using dictionary  
D) All of the above

Ans D

5 What will this code print?

def func():

return "Hello"

print(func())

A) None  
B) 0  
C) test  
D) pass

Ans A

6 **What is the scope of a variable declared inside a function?**  
A) Global  
B) Module-level  
C) Function-level (Local)  
D) Class-level

Ans C

7 **Can a function call another function?**  
A) Yes  
B) No  
C) Only if declared global  
D) Only recursive functions can

Ans A

8 **Which of the following is true about recursion?**  
A) A function that calls itself  
B) Must have a base condition  
C) Can lead to stack overflow if uncontrolled  
D) All of the above

Ans D

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

def foo(x=[]):

x.append(1)

return x

print(foo())

print(foo())

A) [1], [1]  
B) [1], [1, 1]  
C) Error  
D) [], []

Ans B

10 def outer():

x = 5

def inner():

print(x)

inner()

outer()

A) 5  
B) Error  
C) None  
D) 0

Ans A