

# Rajalakshmi Engineering College

Name: Kushalini H S  
Email: 240701280@rajalakshmi.edu.in  
Roll no: 240701280  
Phone: 6380413964  
Branch: REC  
Department: I CSE FC  
Batch: 2028  
Degree: B.E - CSE

Scan to verify results



## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 4\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 13

#### Section 1 : MCQ

1. How is a lambda function different from a regular named function in Python?

**Answer**

A lambda function can only return one value, while a regular function can return multiple values

**Status : Wrong**

**Marks : 0/1**

2. What is the output of the following code snippet?

```
def fun(x, y=2, z=3):  
    return x + y + z  
  
result = fun(1, z=4)
```

```
print(result)
```

**Answer**

7

**Status :** Correct

**Marks :** 1/1

3. What is the output of the following code snippet?

```
def my_function(x):  
    x += 5  
    return x
```

```
a = 10  
result = my_function(a)  
print(a, result)
```

**Answer**

10 15

**Status :** Correct

**Marks :** 1/1

4. What will be the output of the following code?

```
number = 7  
result = abs(number) + pow(number, 2)  
print(result)
```

**Answer**

56

**Status :** Correct

**Marks :** 1/1

5. What keyword is used to define a lambda function in Python?

**Answer**

lambda

**Status :** Correct

**Marks :** 1/1

6. What will be the output of the following Python code?

```
def display(b, n):  
    while n > 0:  
        print(b,end="")  
        n=n-1  
display('z',3)
```

**Answer**

zzz

**Status :** Correct

**Marks :** 1/1

7. What is the output of the code shown?

```
def f1():  
    global x  
    x+=1  
    print(x)  
x=12  
print("x")
```

**Answer**

x

**Status :** Correct

**Marks :** 1/1

8. Which of the following functions can take a lambda function as a parameter in Python?

**Answer**

map()

**Status :** Correct

**Marks :** 1/1

9. What is the main advantage of using lambda functions in Python?

**Answer**

They allow you to write shorter code than regular functions

**Status :** Correct

**Marks :** 1/1

10. What will be the output of the following Python code?

```
def func(a, b=5, c=10):  
    print('a is', a, 'and b is', b, 'and c is', c)
```

```
func(3, 7)  
func(25, c = 24)  
func(c = 50, a = 100)
```

**Answer**

a is 3 and b is 7 and c is 10  
a is 25 and b is 5 and c is 24  
a is 100 and b is 5 and c is 50

**Status :** Correct

**Marks :** 1/1

11. What will be the output of the following Python code?

```
def maximum(x, y):  
    if x > y:  
        return x  
    elif x == y:  
        return 'The numbers are equal'  
    else:  
        return y
```

```
print(maximum(2, 3))
```

**Answer**

3

**Status :** Correct

**Marks :** 1/1

12. What will be the output of the following Python code?

```
def is_even(number):
```

```
if number % 2 == 0:  
    return True
```

```
result = is_even(6)  
print(result)
```

**Answer**

True

**Status :** Correct

**Marks :** 1/1

13. What will be the output of the following code?

```
num = -5  
result = abs(num)  
print(result)
```

**Answer**

-5

**Status :** Wrong

**Marks :** 0/1

14. What will be the output of the following code?

```
num1 = 10  
num2 = -10  
result = abs(num1) + abs(num2)  
print(result)
```

**Answer**

20

**Status :** Correct

**Marks :** 1/1

15. What is the output of the following code?

```
x=12  
def f1(a,b=x):  
    print(a,b)
```

$x=15$   
 $f_1(4)$

**Answer**

4 12

**Status :** Correct

**Marks :** 1/1