

# Rajalakshmi Engineering College

Name: Naveed Sheriff  
Email: 240701348@rajalakshmi.edu.in  
Roll no: 240701348  
Phone: 9025573780  
Branch: REC  
Department: I CSE FD  
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 : 14

#### Section 1 : MCQ

1. 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

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

**Answer**

lambda

**Status :** Correct

**Marks :** 1/1

3. What is the output of the code shown below?

```
def f1(x):  
    x += 1  
    print(x)  
  
global_variable = 15  
f1(global_variable)  
print("hello")
```

**Answer**

16hello

**Status :** Correct

**Marks :** 1/1

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

```
def square(x):  
    return x ** 2  
  
result = square(4)  
print(result)
```

**Answer**

16

**Status :** Correct

**Marks :** 1/1

5. 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

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

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

**Answer**

5

**Status :** Correct

**Marks :** 1/1

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

```
value = 42  
result = abs(value) + len(str(value))  
print(result)
```

**Answer**

44

**Status :** Correct

**Marks :** 1/1

8. 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

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

```
multiply = lambda x, y: x * y  
print(multiply(2, 'Hello'))
```

**Answer**

TypeError

**Status :** Wrong

**Marks :** 0/1

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

```
def cube(x):  
    return x * x * x  
x = cube(3)  
print(x)
```

**Answer**

27

**Status :** Correct

**Marks :** 1/1

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

```
def absolute_value(x):  
    if x < 0:  
        return -x  
    return x  
  
result = absolute_value(-9)  
print(result, absolute_value(5))
```

**Answer**

9 5

**Status :** Correct

**Marks :** 1/1

12. 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

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

```
def add(a, b=2):  
    return a - b
```

```
result = add(3)  
print(result)
```

**Answer**

1

**Status :** Correct

**Marks :** 1/1

14. 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

15. 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