

# Rajalakshmi Engineering College

Name: hemachandiran A  
Email: 240701188@rajalakshmi.edu.in  
Roll no: 240701188  
Phone: 9655742740  
Branch: REC  
Department: I CSE AH  
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 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

2. 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

3. 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

4. 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

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

**Answer**

A lambda function does not have a name, while a regular function does

**Status :** Correct

**Marks :** 1/1

6. 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

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

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

**Answer**

5

**Status :** Correct

**Marks :** 1/1

8. What is the output of the following code?

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

```
print(a,b)
x=15
f1(4)
```

**Answer**

4 12

**Status : Correct**

**Marks : 1/1**

9. 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**

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 cube(x):
    return x * x * x
```

```
x = cube(3)
print(x)
```

**Answer**

27

**Status :** Correct

**Marks :** 1/1

12. 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

13. What is the output of the code shown?

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

**Answer**

Compile time error

**Status :** Wrong

**Marks :** 0/1

14. 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

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

**Answer**

lambda

**Status :** Correct

**Marks :** 1/1