

# Rajalakshmi Engineering College

Name: Gowtham P  
Email: 241501060@rajalakshmi.edu.in  
Roll no: 241501060  
Phone: 8838517270  
Branch: REC  
Department: I AI & ML FA  
Batch: 2028  
Degree: B.E - AI & ML

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 4\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 13

#### Section 1 : MCQ

1. 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

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

**Answer**

All of the mentioned options

**Status : Wrong**

**Marks : 0/1**

3. 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**

4. 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**

5. 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

6. 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

7. 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

8. 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

9. 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

10. 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

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

```
def display(*args):
    for arg in args:
        print(arg)
```

```
display(10, 20, 30)
```

**Answer**

102030

**Status :** Correct

**Marks :** 1/1

12. 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

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

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

**Answer**

5

**Status :** Correct

**Marks :** 1/1

14. 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

15. 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