

# Rajalakshmi Engineering College

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 4\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 15

#### 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?

```
x=12  
def f1(a,b=x):  
    print(a,b)  
x=15  
f1(4)
```

**Answer**

4 12

**Status :** Correct

**Marks :** 1/1

4. 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

5. 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

6. 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

7. What is the output of the code shown?

```
def f():  
    global a  
    print(a)  
    a = "hello"  
    print(a)  
    a = "world"  
f()  
print(a)
```

**Answer**

worldhellohello

**Status :** Correct

**Marks :** 1/1

8. 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

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

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

**Answer**

5

**Status :** Correct

**Marks :** 1/1

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

**Answer**

map()

**Status :** Correct

**Marks :** 1/1

11. 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

12. 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

13. 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

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

**Answer**

lambda

**Status :** Correct

**Marks :** 1/1

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

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

**Answer**

HelloHello

**Status :** Correct

**Marks :** 1/1