

# Rajalakshmi Engineering College

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 4\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 10

#### Section 1 : MCQ

1. 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

2. 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

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

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

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

**Answer**

3

**Status :** Wrong

**Marks :** 0/1

4. What is the output of the code shown?

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

**Answer**

hellohelloworld

**Status :** Wrong

**Marks :** 0/1

5. 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**

6. 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 7 and b is 3 and c is 10  
a is 25 and b is 5 and c is 24  
a is 5 and b is 100 and c is 50

**Status : Wrong**

**Marks : 0/1**

7. 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

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 Python code?

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

**Answer**

zz

**Status :** Wrong

**Marks :** 0/1

10. 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 : Wrong**

**Marks : 0/1**

11. 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**

12. 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**

13. 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**

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

**Answer**

lambda

**Status :** Correct

**Marks :** 1/1

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

**Answer**

map()

**Status :** Correct

**Marks :** 1/1