

# 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 is the output of the following code?

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

**Answer**

4 15

**Status : Wrong**

**Marks : 0/1**

2. 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 10

**Status : Wrong**

**Marks : 0/1**

3. 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**

4. 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**

5. 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

6. 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**

Infinite loop

**Status :** Wrong

**Marks :** 0/1

7. 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

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

**Answer**

lambda

**Status :** Correct

**Marks :** 1/1

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

**Answer**

map()

**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 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

12. 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

13. 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

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

```
def C2F(c):
```

```
    return c * 9/5 + 32  
print(C2F(100))  
print(C2F(0))
```

**Answer**

212.032.0

**Status :** Correct

**Marks :** 1/1

15. 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