

# Rajalakshmi Engineering College

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 4\_MCQ

Attempt : 2  
Total Mark : 15  
Marks Obtained : 13

#### 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 code?

```
number = 7
result = abs(number) + pow(number, 2)
print(result)
```

**Answer**

56

**Status : Correct**

**Marks : 1/1**

3. What is the main advantage of using lambda functions in Python?

**Answer**

They can be called directly from the command line without defining them

**Status : Wrong**

**Marks : 0/1**

4. 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**

5. 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

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

**Answer**

map()

**Status :** Correct

**Marks :** 1/1

7. 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

8. 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

9. 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**

10. 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**

11. 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**

12. 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

13. 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

14. 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

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

```
num = -5
```

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

***Answer***

5

***Status :*** Correct

***Marks :*** 1/1