

# Rajalakshmi Engineering College

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 4\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 14

#### Section 1 : MCQ

1. 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**

2. 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**

3. 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

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

**Answer**

lambda

**Status :** Correct

**Marks :** 1/1

5. 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

6. 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

7. 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

8. What is the output of the following code?

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

**Answer**

Compile time error

**Status :** Wrong

**Marks :** 0/1

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**

zzz

**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 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

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 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

14. 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

15. 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