

# 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. 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

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 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

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

**Answer**

All of the mentioned options

**Status :** Wrong

**Marks :** 0/1

5. 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

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

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

**Answer**

5

**Status :** Correct

**Marks :** 1/1

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 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**

zzz

**Status :** Correct

**Marks :** 1/1

10. 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

11. 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

12. 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

13. 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

14. 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

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

**Answer**

lambda

Status : Correct

Marks : 1/1