

# 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. 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 code?

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

**Answer**

5

Status : Correct

Marks : 1/1

3. 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

4. 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

5. 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

6. 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

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 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

9. 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

10. What is the output of the code shown?

```
def f1():  
    global x  
    x+=1  
    print(x)  
x=12  
print("x")
```

**Answer**

x

**Status :** Correct

**Marks :** 1/1

11. 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

12. 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

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 keyword is used to define a lambda function in Python?

**Answer**

lambda

**Status :** Correct

**Marks :** 1/1

15. 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