

# Rajalakshmi Engineering College

Name: THANIKAIVEL S  
Email: 240701562@rajalakshmi.edu.in  
Roll no: 240701562  
Phone: 9791347183  
Branch: REC  
Department: I CSE FF  
Batch: 2028  
Degree: B.E - CSE

Scan to verify results



## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 4\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 13

#### Section 1 : MCQ

1. 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

2. 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

3. 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

4. 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

5. 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

6. 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

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. 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

9. 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

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

```
value = 42  
result = abs(value) + len(str(value))  
print(result)
```

**Answer**

84

**Status :** Wrong

**Marks :** 0/1

11. 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

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 code?

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

**Answer**

5

**Status :** Correct

**Marks :** 1/1

14. 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

15. 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