

Rajalakshmi Engineering College

Name: Sherwin G M
Email: 240701496@rajalakshmi.edu.in
Roll no: 240701496
Phone: 7708605966
Branch: REC
Department: I CSE FD
Batch: 2028
Degree: B.E - CSE

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 15

Section 1 : MCQ

1. 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

2. 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

3. 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

4. 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

5. 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

6. 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

7. 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

8. 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

9. 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

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

Answer

lambda

Status : Correct

Marks : 1/1

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

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

Answer

5

Status : Correct

Marks : 1/1

12. 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

13. What is the output of the following code?

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

Answer

4 12

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. 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