

Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 12

Section 1 : MCQ

1. 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

2. 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

3. 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

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

Answer

lambda

Status : Correct

Marks : 1/1

5. 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

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 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

8. 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

15 15

Status : Wrong

Marks : 0/1

9. 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

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

```
def is_even(number):  
    if number % 2 == 0:  
        return True
```

```
result = is_even(6)  
print(result)
```

Answer

True

Status : Correct

Marks : 1/1

11. 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

12. 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

13. 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

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

```
number = 7  
result = abs(number) + pow(number, 2)  
print(result)
```

Answer

58

Status : Wrong

Marks : 0/1

15. What will be the output of the following Python code?

```
multiply = lambda x, y: x * y  
print(multiply(2, 'Hello'))
```

Answer

TypeError

Status : Wrong

Marks : 0/1