Rajalakshmi Engineering College

Name: Swethaa V A
Email: 241501258@rajalakshmi.edu.in
Roll no: 241501258
Phone: 7200023170
Branch: REC
Department: I AI & ML FC
Batch: 2028
Degree: B.E - AI & ML

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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 code?

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

Answer

5

Status : Correct ***Marks : 1/1***

2. 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***

3. 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 10a is 25 and b is 5 and c is 24a is 100 and b is 5 and c is 50

Status : Correct ***Marks : 1/1***

4. 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***

5. 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***

6. 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***

7. 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)
```

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Answer

10 15

Status : Correct ***Marks : 1/1***

8. 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***

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

Answer

map()

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 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***

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?

```
num1 = 10
num2 = -10
result = abs(num1) + abs(num2)
print(result)
```

Answer

20

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 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***

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