

Rajalakshmi Engineering College

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Branch: REC

Department: I AI & ML FA

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 : 14

Section 1 : MCQ

1. 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

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 code?

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

Answer

44

Status : Correct

Marks : 1/1

4. 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

5. 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

6. 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

7. 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

8. 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

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 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

11. What is the output of the code shown?

```
def f():
    global a
    print(a)
    a = "hello"
```

```
print(a)
a = "world"
f()
print(a)
```

Answer

hellohelloworld

Status : Wrong

Marks : 0/1

12. 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

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 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

15. 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