

# Rajalakshmi Engineering College

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 4\_MCQ

Attempt : 2  
Total Mark : 15  
Marks Obtained : 15

#### Section 1 : MCQ

1. 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

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 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

4. 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

5. What is the output of the code shown?

```
def f1():
    global x
    x+=1
```

```
print(x)
x=12
print("x")
```

**Answer**

x

**Status : Correct**

**Marks : 1/1**

6. 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**

7. 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**

8. 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

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

```
def C2F(c):  
    return c * 9/5 + 32  
print(C2F(100))  
print(C2F(0))
```

**Answer**

212.032.0

**Status :** Correct

**Marks :** 1/1

10. 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

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 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

13. 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**

10 15

**Status :** Correct

**Marks :** 1/1

14. 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

15. 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