

# Rajalakshmi Engineering College

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 4\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 13

#### Section 1 : MCQ

1. 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

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 code?

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

**Answer**

56

**Status :** Correct

**Marks :** 1/1

4. 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

5. 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

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 my_function(x):
    x += 5
    return x
```

```
a = 10
result = my_function(a)
print(a, result)
```

**Answer**

10 15

**Status :** Correct

**Marks :** 1/1

8. How is a lambda function different from a regular named function in Python?

**Answer**

A lambda function can only return one value, while a regular function can return multiple values

**Status : Wrong**

**Marks : 0/1**

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

**Answer**

All of the mentioned options

**Status : Wrong**

**Marks : 0/1**

11. 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

12. 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

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 code?

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

**Answer**

5

**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