

# Rajalakshmi Engineering College

Name: VIDYUT RAO's  
Email: 240701587@rajalakshmi.edu.in  
Roll no: 240701587  
Phone: 7358733384  
Branch: REC  
Department: I CSE FF  
Batch: 2028  
Degree: B.E - CSE

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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?

```
x=12  
def f1(a,b=x):  
    print(a,b)  
x=15  
f1(4)
```

**Answer**

4 12

**Status :** Correct

**Marks : 1/1**

2. 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**

3. 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**

4. 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**

5. 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

6. 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

7. 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

8. What is the output of the code shown?

```
def f1():
    global x
    x+=1
    print(x)
x=12
```

```
print("x")
```

**Answer**

Compile time error

**Status :** Wrong

**Marks :** 0/1

9. 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

10. 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

11. 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

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

**Answer**

lambda

**Status : Correct**

**Marks : 1/1**

13. 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**

14. 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**

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

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

**Answer**

5

**Status :** Correct

**Marks :** 1/1