# Rajalakshmi Engineering College

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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 Python code?

```python
def display(b, n):
    while n > 0:
        print(b,end="")
        n=n-1
display('z',3)
```

*Answer*

zzz

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

2. 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*


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 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 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*

6.  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*

7.  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*

8.  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*

9.  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*


10.   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*


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

**Answer**

lambda

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


12.    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*


13.   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*


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 code?

```
def display(*args):
   for arg in args:
       print(arg)

display(10, 20, 30)
```

*Answer*

102030