# Rajalakshmi Engineering College

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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 will be the output of the following Python code?

```python
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*

2. What is the output of the following code snippet?

```python
def add(a, b=2):
    return a - b

result = add(3)
print(result)
```

*Answer*

1

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

3. What is the output of the following code snippet?

```python
def fun(x, y=2, z=3):
    return x + y + z

result = fun(1, z=4)
print(result)
```

*Answer*

6

*Status :* Wrong                                                                             *Marks : 0/1*

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

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

*Answer*

56

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

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

```python
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?

```python
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 is the output of the following code snippet?

```python
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. What is the output of the code shown below?

```python
def f1(x):
    x += 1
    print(x)

global_variable = 15
f1(global_variable)
print("hello")
```

*Answer*

16hello

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

9. What is the output of the following code snippet?

```python
def square(x):
    return x ** 2

result = square(4)
print(result)
```

*Answer*

16

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

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

```python
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*

None of the mentioned options

*Status :* Wrong                                           *Marks : 0/1*

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?

```
multiply = lambda x, y: x * y
print(multiply(2, 'Hello'))
```

**Answer**

TypeError

*Status :* Wrong                                           *Marks : 0/1*

13.   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*

14.   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*

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

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

*Answer*

212.032.0

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