

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 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

2. 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

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

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

Answer

5

Status : Correct

Marks : 1/1

4. 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

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

Answer lambda

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 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

8. 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

9. 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

10. 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

11. 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

12. 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

13. 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

14. 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

15. 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