

Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 14

Section 1 : MCQ

1. 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

2. 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

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 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 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

6. 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

7. 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

8. 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

9. What is the output of the code shown?

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

Answer

x

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. 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

12. 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

13. 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

14. 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

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