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 code?

```
num1 = 10
num2 = -10
result = abs(num1) + abs(num2)
print(result)
```

Answer

20

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

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

Answer

lambda

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

3. 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***

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

```
def absolute_value(x):
    if x < 0:
        return -x
    return x

result = absolute_value(-9)
print(result, absolute_value(5))
```

Answer

9 5

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

5. 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***

6. 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***

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. 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***

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 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***

11. 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***

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

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

Answer

5

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

13. 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***

14. 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***

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

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

Answer

zzz

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