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

Answer

zzz

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

2. 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***

3. 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***

4. 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***

5. 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***

6. 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***

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 main advantage of using lambda functions in Python?

Answer

They allow you to write shorter code than regular functions

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?

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

Answer

HelloHello

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

11. 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***

12. 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***

13. 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***

14. 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 : Wrong ***Marks : 0/1***

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

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

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

Answer

7

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