

Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 13

Section 1 : MCQ

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

```
value = 42  
result = abs(value) + len(str(value))  
print(result)
```

Answer

44

Status : Correct

Marks : 1/1

2. 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

3. 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

4. Which of the following functions can take a lambda function as a parameter in Python?

Answer

max()

Status : Wrong

Marks : 0/1

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 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 keyword is used to define a lambda function in Python?

Answer

lambda

Status : Correct

Marks : 1/1

8. 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

9. 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

10. How is a lambda function different from a regular named function in Python?

Answer

A lambda function can only take one argument, while a regular function can take multiple arguments

Status : Wrong

Marks : 0/1

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

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

Answer

5

Status : Correct

Marks : 1/1

12. 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

13. 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

14. 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

15. 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