

Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 12

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 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

3. 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

4. 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

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

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

Answer

5

Status : Correct

Marks : 1/1

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

Answer

lambda

Status : Correct

Marks : 1/1

7. 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

8. 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

9. 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

10. What is the output of the code shown?

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

Answer

14

Status : Wrong

Marks : 0/1

11. 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

zz

Status : Wrong

Marks : 0/1

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

Answer

All of the mentioned options

Status : Wrong

Marks : 0/1

15. 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