

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 keyword is used to define a lambda function in Python?

Answer

lambda

Status : Correct

Marks : 1/1

2. 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

3. 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

4. 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

5. 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

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?

```
number = 7  
result = abs(number) + pow(number, 2)  
print(result)
```

Answer

56

Status : Correct

Marks : 1/1

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

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

Answer

5

Status : Correct

Marks : 1/1

9. 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

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

Answer

map()

Status : Correct

Marks : 1/1

11. 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

12. 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

13. 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

14. 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

15. 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