

Rajalakshmi Engineering College

Name: M Vaishnavi
Email: 240701576@rajalakshmi.edu.in
Roll no: 240701576
Phone: 9381045343
Branch: REC
Department: I CSE FF
Batch: 2028
Degree: B.E - CSE

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 2
Total Mark : 15
Marks Obtained : 12

Section 1 : MCQ

1. 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

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. 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

4. 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

5. 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

6. 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

7. What is the output of the following code?

```
x=12
def f1(a,b=x):
    print(a,b)
x=15
f1(4)
```

Answer

Compile time error

Status : Wrong

Marks : 0/1

8. 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

9. 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

10. 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

11. 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

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

hellohelloworld

Status : Wrong

Marks : 0/1

13. 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

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 code?

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

Answer

44

Status : Correct

Marks : 1/1