

Rajalakshmi Engineering College

Name: Nitin Aakash
Email: 240701370@rajalakshmi.edu.in
Roll no: 240701370
Phone: 9498349045
Branch: REC
Department: I CSE FD
Batch: 2028
Degree: B.E - CSE

Scan to verify results



NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 13

Section 1 : MCQ

1. 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

2. 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

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 add(a, b=2):  
    return a - b
```

```
result = add(3)  
print(result)
```

Answer

1

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?

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

Answer

5

Status : Correct

Marks : 1/1

7. 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

8. 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

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. 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

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 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

13. 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

14. 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

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