Rajalakshmi Engineering College

Name: SUBASH R
Email: 240701538@rajalakshmi.edu.in
Roll no: 240701538
Phone: 9150202710
Branch: REC
Department: I CSE FE
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 : 15

Section 1 : MCQ

1. 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*

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

```python
def cube(x):
    return x * x * x
x = cube(3)
print(x)
```

Answer

27

Status : Correct   *Marks : 1/1*

4. What is the output of the following code?

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

Answer

4 12

Status : Correct   *Marks : 1/1*

5. What is the output of the following code snippet?

```python
def square(x):
    return x ** 2

result = square(4)
print(result)
```

Answer

16

Status : Correct   *Marks : 1/1*

6. 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*

7.   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*

8.   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

9.   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*

10.   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*

11.   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*

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

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

Answer

5

Status : Correct   *Marks : 1/1*

13.   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*

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 code shown?

```python
def f():
    global a
    print(a)
    a = "hello"
    print(a)
a = "world"
f()
print(a)
```

Answer

worldhellohello

Status : Correct   *Marks : 1/1*