Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 14

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

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

Answer

9

Status : Wrong   *Marks : 0/1*

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

Answer

map()

Status : Correct   *Marks : 1/1*

4.   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*

5.   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*

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 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*

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 func(a, b=5, c=10):
    print('a is', a, 'and b is', b, 'and c is', c)

func(3, 7)
func(25, c = 24)
```

func(c = 50, a = 100)

Answer

a is 3 and b is 7 and c is 10a is 25 and b is 5 and c is 24a is 100 and b is 5 and c is 50

Status : Correct   *Marks : 1/1*

10. 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*

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

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

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

Answer

16

Status : Correct   *Marks : 1/1*

12. 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*

13. 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*

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

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

Answer

5

Status : Correct   *Marks : 1/1*

15. 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***