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 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 keyword is used to define a lambda function in Python?

Answer

lambda

Status : Correct   ***Marks : 1/1***

3. How is a lambda function different from a regular named function in Python?

Answer

A lambda function can only take one argument, while a regular function can take multiple arguments

Status : Wrong   *Marks : 0/1*

4. 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*

5. 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*

6. 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*

7. 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*

8. 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*

9. 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*

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

Answer

map()

Status : Correct   *Marks : 1/1*

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

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

Answer

44

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

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

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

Answer

56

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

```
num1 = 10
num2 = -10
result = abs(num1) + abs(num2)
print(result)
```

Answer

20