

Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 12

Section 1 : MCQ

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

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

Answer

5

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

27

Status : Correct

Marks : 1/1

3. 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

4. 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

5. 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

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 code shown?

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

Answer

hellohelloworld

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

Status : Correct

Marks : 1/1

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

```
def display(b, n):
    while n > 0:
        print(b, end='')
        n=n-1
display('z',3)
```

Answer

zzz

Status : Correct

Marks : 1/1

11. 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

12. What is the output of the following code?

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

Answer

4 15

Status : Wrong

Marks : 0/1

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 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

15. 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