Rajalakshmi Engineering College

Name: Kaviya AK
Email: 240701245@rajalakshmi.edu.in
Roll no: 2116240701245
Phone: 6381101960
Branch: REC
Department: I CSE AH
Batch: 2028
Degree: B.E - CSE

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?

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

Answer

27

Status : Correct   *Marks : 1/1*

2. 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*

3.   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*

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?

```
def f1():
 global x
 x+=1
 print(x)
x=12
print("x")
```

Answer

x

Status : Correct   *Marks : 1/1*

6. 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*

7. 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*

8. 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*

9. 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*

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

Answer

A lambda function can only return one value, while a regular function can return multiple values

Status : Wrong   *Marks : 0/1*

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

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

Answer

zzz

Status : Correct   *Marks : 1/1*

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

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

Answer

56

Status : Correct   *Marks : 1/1*

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

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

Answer

44

Status : Correct   *Marks : 1/1*

14. What keyword is used to define a lambda function in Python?

Answer

lambda

Status : Correct   *Marks : 1/1*

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

```python
def is_even(number):
    if number % 2 == 0:
        return True

result = is_even(6)
print(result)
```

Answer

True

Status : Correct   *Marks : 1/1*