Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 15

Section 1 : MCQ

1. 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*

2. 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*

3. 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*

4. 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*

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 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*

7. 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*

8. 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*

9. What is the output of the code shown?

```
def f():
global a
```

```
 print(a)
 a = "hello"
 print(a)
a = "world"
f()
print(a)
```

Answer

worldhellohello

Status : Correct   *Marks : 1/1*

10.   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*

11.   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

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 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*

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

Answer

map()

Status : Correct *Marks : 1/1*

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

Answer

lambda

Status : Correct   *Marks : 1/1*