

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 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

2. 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

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

```
def C2F(c):  
    return c * 9/5 + 32  
print(C2F(100))  
print(C2F(0))
```

Answer

212.032.0

Status : Correct

Marks : 1/1

4. 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

5. 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

6. 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

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 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 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

10. 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

11. 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

12. 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

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. 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

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

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

Answer

5

Status : Correct

Marks : 1/1