

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 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

2. 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

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

Answer

lambda

Status : Correct

Marks : 1/1

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 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

6. 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

7. 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

8. 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

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. 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

11. 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

12. 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

13. 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

14. 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

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