

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 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

2. 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

3. 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

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

Answer

lambda

Status : Correct

Marks : 1/1

5. 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

6. 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

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

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

Answer

-5

Status : Wrong

Marks : 0/1

8. 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

9. 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

10. 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

11. 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

12. 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

13. 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

14. 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

15. 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