

Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 13

Section 1 : MCQ

1. 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

2. 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

3. 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

4. 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

5. 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

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

Answer

 None of the mentioned options

Status : Wrong

Marks : 0/1

7. 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

8. 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

9. 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

10. What is the output of the following code?

```
x=12  
def f1(a,b=x):  
    print(a,b)  
x=15  
f1(4)
```

Answer

12 4

Status : Wrong

Marks : 0/1

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 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

13. 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

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 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