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 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***

2. What is the main advantage of using lambda functions in Python?

Answer

They allow you to write shorter code than regular functions

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

```python
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*

4. What is the output of the code shown below?

```python
def f1(x):
    x += 1
    print(x)

global_variable = 15
f1(global_variable)
print("hello")
```

Answer

16hello

Status : Correct   *Marks : 1/1*

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

```python
def display(*args):
    for arg in args:
```

```
    print(arg)
```

display(10, 20, 30)

Answer

102030

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 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*

8. 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*

9. 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*

10. 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*

11. 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*

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.   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*

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

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

Answer

5

Marks : 1/1

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

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

Answer

212.032.0

Status : Correct   *Marks : 1/1*