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 will be the output of the following Python code?

```python
def cube(x):
    return x * x * x
x = cube(3)
print(x)
```

Answer

27

Status : Correct   **Marks : 1/1**

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

```python
multiply = lambda x, y: x * y
```

```
print(multiply(2, 'Hello'))
```

Answer

HelloHello

Status : Correct   *Marks : 1/1*

3. 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*

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

Answer

A lambda function can only return one value, while a regular function can return multiple values

Status : Wrong   *Marks : 0/1*

5. 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
```

6.  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

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

```python
def display(b, n):
    while n > 0:
        print(b,end="")
        n=n-1
display('z',3)
```

Answer

zzz

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

Answer

They allow you to write shorter code than regular functions

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

```
number = 7
result = abs(number) + pow(number, 2)
print(result)
```

Answer

63

Status : Wrong   **Marks : 0/1**

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 code shown?

```
def f1():
 global x
 x+=1
 print(x)
x=12
print("x")
```

Answer

Compile time error

Status : Wrong   **Marks : 0/1**

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

```
num = -5
```

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

Answer

5

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. 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*

15. 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***