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?

```python
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 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*

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

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

Answer

5

Status : Correct   *Marks : 1/1*

4. 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*

5. 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*

6. 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 10a is 25 and b is 5 and c is 24a is 100 and b is 5 and c is 50

Status : Correct   *Marks : 1/1*

7. 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*

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 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*

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

```python
value = 42
result = abs(value) + len(str(value))
print(result)
```

Answer

44

Status : Correct   *Marks : 1/1*

11. What is the output of the following code snippet?

```python
def square(x):
    return x ** 2

result = square(4)
print(result)
```

Answer

16

Status : Correct   *Marks : 1/1*

12. What is the output of the following code snippet?

```python
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*

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

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

display(10, 20, 30)
```

Answer

(10, 20, 30)

Status : Wrong   *Marks : 0/1*

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 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*