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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 4_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 15

Section 1 : MCQ

1. 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*

2. 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*

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

```
num1 = 10
num2 = -10
result = abs(num1) + abs(num2)
print(result)
```

Answer

20

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 add(a, b=2):
    return a - b

result = add(3)
print(result)
```

Answer

1

6.   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*

7.   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*

8.   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

9. 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

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

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

display(10, 20, 30)
```

Answer

102030

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

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

Answer

44

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.   Which of the following functions can take a lambda function as a parameter in Python?

Answer

map()

Status : Correct   *Marks : 1/1*

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 following code snippet?

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

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

Answer

16

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