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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 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*

2. 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*

3. 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*

4. 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*

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

```
multiply = lambda x, y: x * y
print(multiply(2, 'Hello'))
```

Answer

HelloHello

Status : Correct   *Marks : 1/1*

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

Answer

map()

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 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*

9. What keyword is used to define a lambda function in Python?

Answer

lambda

Status : Correct   *Marks : 1/1*

10. 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*

11. 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*

12. 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

10

Status : Wrong   *Marks : 0/1*

13. What is the output of the code shown?

```
def f():
 global a
 print(a)
 a = "hello"
 print(a)
a = "world"
f()
print(a)
```

Answer

worldhellohello

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

123.045.0

Status : Wrong   *Marks : 0/1*

15. 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