1. What is the result of the code, and why?  
>>> def func(a, b=6, c=8):  
print(a, b, c)

>>> func(1, 2)

Ans:- It will print 1,2,8 since a will take 1 and b will take 2 as argument since there is no argument passed for c it will take 8 as deafault argument.

2. What is the result of this code, and why?  
>>> def func(a, b, c=5):  
print(a, b, c)

>>> func(1, c=3, b=2)  
Ans:- It will print 1,2,3 since a will take 1 and b will take 2 and c will take 3 as argument

3. How about this code: what is its result, and why?  
>>> def func(a, \*pargs):  
print(a, pargs)  
  
>>> func(1, 2, 3)  
Ans:- It will print 1 (2, 3) since a will take 1 and and rest 2 and 3 will be taken by \*pargs.

4. What does this code print, and why?  
def func(a, \*\*kargs):  
print(a, kargs)  
func(a=1, c=3, b=2)

Ans: 1 {'c': 3, 'b': 2}

5. What gets printed by this, and explain?  
>>> def func(a, b, c=8, d=5): print(a, b, c, d)  
>>> func(1, \*(5, 6))

Ans: 1 5 6 5

6. what is the result of this, and explain?  
def func(a, b, c):   
 a = 2; b[0] = 'x'; c['a'] = 'y'

l=1; m=[1]; n={'a':0}  
func(l, m, n)

l, m, n

Ans: (1, ['x'], {'a': 'y'})