

## Answer's / Explanation's

1. Result of code is,

1 2 8

Reason is,

As when calling function, a, b values passed but not c, the default value of c is assigned to it. So, the final values of a, b, c are 1, 2, 8 respectively.

2. Result of code is,

1 2 3

Reason is,

As when calling function value for a is positionally given and values of b and c given using keyword arguments. So, the final values of a, b, c are 1, 2, 3 respectively.

3. Result of code is,

1 (2, 3)

Reason is,

Value of a is positionally given and as \*pargs is a tuple. So, final values of a, pargs are 1 and (2, 3) respectively.

4. Result of code is,

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

Reason is,

Value of a is given as keyword argument and as \*\*kargs is a dictionary. So, final values of a, kargs are 1 and {'c':3, 'b':2} respectively.

5. Result of code is,

1 5 6 8

Reason is,

Values of a, b, c are given positionally and d is not given so, default value is assigned. So, final values of a, b, c, d are 1, 5, 6, 8 respectively.

6. Result of code is,

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

Reason is,

When passing a number(a) it is copied to it. So, changes done inside function a will not reflect to the variable passed. But in case of list, tuple or dictionary value of their address is passed. So, changes done inside will reflect to the variables passed.