**Assignment 23**

Answer 1

This funtion is taking a positional argument and 2 keyward argument. When function call m=is made, parameter passed

are a=1,b=2. When the function is executed , parameter c=8 will be taken by default as its a keyword argument.

solution is = 1,2,8

Answer 2

When we make function call, order will be positional argument and then keywords arguments. we can pass the keyword arguments in any order we want.

Solution is 1,2,3

Answer 3

The return type of \*args parameter is tuple, where as \*\*kargs will be dictionary

solution is = 1,(2,3)

Answer 4

The return type of \*\*kargs is dictionary

solution is = 1,{'c':3,'b':2}

Answer 5

'\*' is the unpacking operator and are operators that unpack the values from iterable objects in Python. The single # asterisk operator \* can be used on any iterable that Python provides, while the double asterisk operator \*\* can only

be used on dictionaries. In the example the value \*(5,6) will be unpacked and will be assigned to b and c and passed

as arguments, d =5 will taken by defaults are keyword arguments.

Solution 1,5,6,5

Answer 6

Ans. Here in the code, the list and dict are passed as argument, and those are mutable. Here the list l and parameter b point #to the same list in the memory location where as dict n and c point to the same memory location. Any updates to this

list will update in the memory location

l = 1 , integer values, immutable, m is list, mutable, n is dict, mutable.#output will be = 1,['x'],{'a':'y'}