Definition of Permutation and Combination

Permutation: Permutation can simply be defined as the several ways of arranging few or all members within a specific order. It is the process of legibly arranging from chaos. This is what is termed as a Permutation.

Combination: The combination is a process of selecting the objects or items from a set or the collection of objects, such that (unlike permutations) the order of selection of objects does not matter. It refers to the combination of N things taken from a group of K at a time without repetition.

What is the Difference between Permutation and Combination?

Combination, on the other hand, can simply be defined as the method of selecting a group by taking up some or all members of a set. There is no particular order that is used to follow while combining elements of a set.

There are a lot of different ways of making up a combination and they are all right in their own ways; as there is no particular method of figuring out a combination the "right" way. Thus, this is defined as a combination. Using the combination formula, one can easily get the combination for any set.

Difference between Permutation and Combination	
Permutation	Combination
The different ways of arranging a set of objects into a sequential order are termed as Permutation.	One of the several ways of choosing items from a large set of objects, without considering an order is termed as Combination.
The order is very relevant.	**The order is quite irrelevant.**
It denotes the arrangement of objects.	It does not denote the arrangement of objects.

Thus, these are the key differences between Permutation and Combination. It is important to understand how they differ from one another.