Difference between static and non static funcions?

1. Non Static methods can call static methods, But non – static methods cannot call static methods.

2. If you choose to declare the class in header file, the definition of the static data member must be in the source file.  
3. Static variables needs to be decalred before using that particular class.

4. static methods does not have this pointer.

5. Static memebers are shared by all the object of a class only one copy for static method are present.

6. Static methods can be shared by all the single methods of a class.