A path in a graph is maximal if it is not a proper subpath of any other path of the graph. The Path Spectrum of a graph is the set of lengths of all maximal paths in the graph. A set of positive integers is an Absolute Path Spectrum if there are an infinite number of graphs with that Path Spectrum. Known results on the path spectrum will be summarized, some new results on Non-Path Spectrum Sets, and new results on Absolute Path Spectrum Sets will be presented. (Received August 04, 2008)