

Chemical descriptors are numerical values which represent the entire structure of a graph. The chemical and physical properties of primary chemical compounds are related to the main factors of topological indices. The topological indices can be helpful to construct the biological activity of chemical compounds. In theoretical chemistry, several topological indices have been invented such as the Arithmetic-Contra-harmonic and Contra-harmonic-Arithmetic index, Sambor index, Reduced Sambor index, Multiplicative sambor index, Multiplicative reduced sambor index and many more. In this thesis, we compute some results via topological indices for third type of Hex-Derived Network.