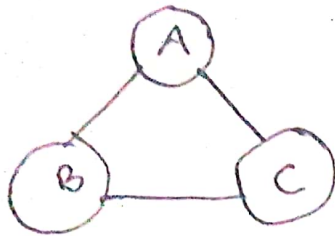


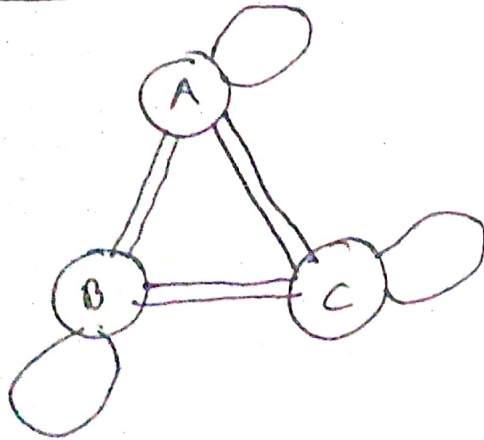
Sparse Graph



No. of Vertex = 3

No. of edge = 3 (At most)

Dense Graph



No. of vertex = 3

No. of edges = $3^2 = 9$ (including loop and parallel edge)