**A. ELECTRON DOT STRUCTURES**

ClF C2Cl2 Cl2O NH3

CO2 C2Cl4 HS- BI3

CI4 ClO- ClO4- HSO4-

**B. POLARITY OF BONDS**

Electronegativity Atom with greater

Formula Difference Type of Bond electron share

NO

MgO

Br2

LiH

CuF

CO

**C. MOLECULAR SHAPE AND POLARITY**

Formula Representation Shape Bond Polarity Molecule Polarity Hybridization (H)

NI3 trigonal pyramidal N-I polar polar sp3

BCl3

CO2

Cl2O

PCl5

ClO4-