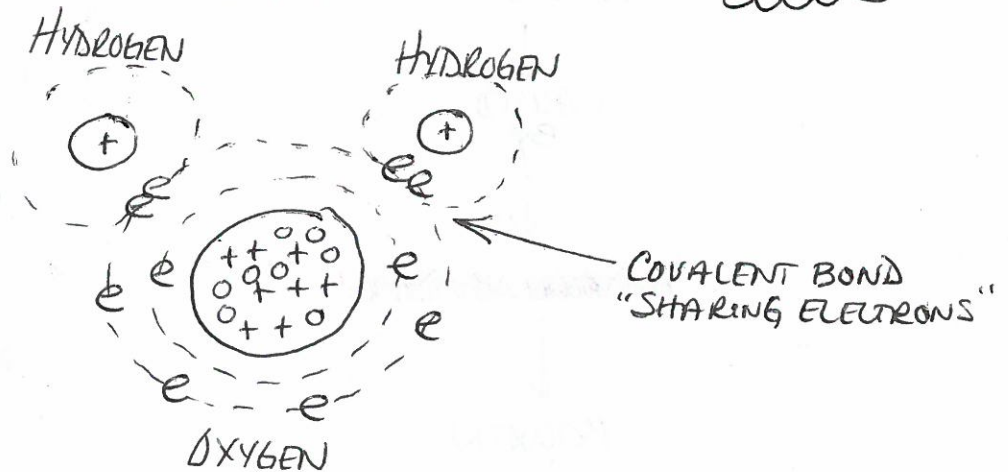


WATER: NOTE SHEET

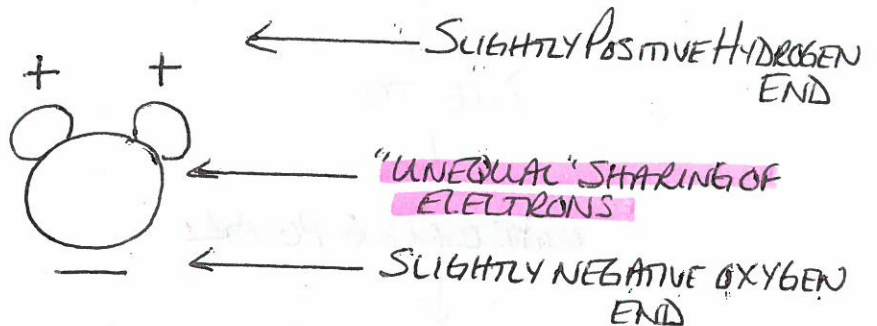


ATOMIC STRUCTURE OF WATER



MOLECULAR STRUCTURE OF WATER

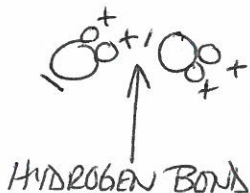
POLAR MOLECULE
 ANY MOLECULE WITH
 A POSITIVE END AND
 A NEGATIVE END
 "MAGNETIC"



HYDROGEN BONDS - ATTRACTION BETWEEN POLAR MOLECULES

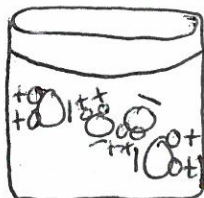
COHESION

WATER BONDING TO
 WATER



SURFACE TENSION

COHESION + ADHESION
 CAUSING TIGHT
 "SKIN LAYER"



ADHESION

WATER BONDING TO
 OTHER POLAR MOLECULES



SURFACE TENSION

IF: TIGHT SKIN LAYER - FLOATING

IF: WATER STICKS TO SOMETHING

ADHESION

↓
CAUSED BY

↓
HYDROGEN BONDING

↓
BETWEEN

↓
WATER AND OTHER POLAR MOLECULES

↓
DUE TO

↓
WATER BEING POLAR

↓
BECAUSE OF

↓
UNEQUAL SHARING OF ELECTRONS OF 2H AND 1O

IF: WATER STICKS TO WATER

↓
COHESION

↓
CAUSED BY

↓
HYDROGEN BONDING

↓
BETWEEN

↓
MANY WATER MOLECULES

↓
DUE TO

↓
WATER BEING POLAR

↓
BECAUSE OF

↓
UNEQUAL SHARING OF ELECTRONS OF 2H AND 1O.