Biology Notes

# Topic Molecules, Transports And Health

## 1A Chemistry For Biologists

### Ionic And Covalent Bonding

The chemical bonds within and between molecules affect the properties of the compounds they form.

Ionic Bonding. One atom, or part of the molecules, gains one or more electrons and becomes and anion(a negative ion). The other atom, or part of the molecule, loses one or more electrons and becomes a cation(a positive ion).

e.g. sodium atom and chlorine atom becomes sodium ion(+) and chloride ion(-).

Covalent Bonding. Covalent bonds are very strong and the molecules formed are usually neutral.