

## The Periodic Table of Elements (for O Level Chemistry 5070)

I		II										III										IV										V										VI										VII										VIII																																																																																																													
Li lithium 7		Be beryllium 9										B boron 11										C carbon 12										N nitrogen 14										O oxygen 16										F fluorine 19										Ne neon 20																																																																																																													
Na sodium 23		Mg magnesium 24										Al aluminium 27										Si silicon 28										P phosphorus 31										S sulfur 32										Cl chlorine 35.5										Ar argon 40																																																																																																													
K potassium 39		Ca calcium 40										Sc scandium 45										Ti titanium 48										V vanadium 51										Cr chromium 52										Mn manganese 55										Fe iron 56										Co cobalt 59										Ni nickel 59										Cu copper 64										Zn zinc 65										Ga gallium 70										Ge germanium 73										As arsenic 75										Se selenium 79										Br bromine 80										Kr krypton 84									
Rb rubidium 85		Sr strontium 88										Y yttrium 89										Zr zirconium 91										Nb niobium 93										Mo molybdenum 96										Tc technetium -										Ru ruthenium 101										Rh rhodium 103										Pd palladium 106										Ag silver 108										Cd cadmium 112										In indium 115										Sn tin 119										Sb antimony 122										Te tellurium 128										I iodine 127										Xe xenon 131									
Cs caesium 133		Ba barium 137										La lanthanoids 57-71										Hf hafnium 72										Ta tantalum 73										W tungsten 74										Re rhenium 186										Os osmium 190										Ir iridium 192										Pt platinum 195										Au gold 197										Hg mercury 201										Tl thallium 204										Pb lead 207										Bi bismuth 209										Po polonium -										At astatine -										Rn radon -									
Fr francium -		Ra radium -										89-103 actinoids										Rf rutherfordium -										Db dubnium -										Sg seaborgium -										Bh bohrium -										Hs hassium -										Mt meitnerium -										Ds darmstadtium -										Rg roentgenium -										Cn copernicium -										Nh nihonium -										Fl flerovium -										Lv livermorium -										Ts tennessine -										Og oganesson -																			
57 La lanthanum 139		58 Ce cerium 140										59 Pr praseodymium 141										60 Nd neodymium 144										61 Pm promethium -										62 Sm samarium 150										63 Eu europium 152										64 Gd gadolinium 157										65 Tb terbium 159										66 Dy dysprosium 163										67 Ho holmium 165										68 Er erbium 167										69 Tm thulium 169										70 Yb ytterbium 173										71 Lu lutetium 175																																							
89 Ac actinium -		90 Th thorium 232										91 Pa protactinium 231										92 U uranium 238										93 Np neptunium -										94 Pu plutonium -										95 Am americium -										96 Cm curium -										97 Bk berkelium -										98 Cf californium -										99 Es einsteinium -										100 Fm fermium -										101 Md mendelevium -										102 No nobelium -										103 Lr lawrencium -																																							

Key  
atomic number  
atomic symbol  
name  
relative atomic mass

1  
H  
hydrogen  
1

The volume of one mole of any gas is 24 dm<sup>3</sup> at room temperature and pressure (r.t.p.)  
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 - Prescribed by CIE for examination in 2016