

## CHEMISTRY

1. The size of an atom is in the range of a) $2 \times 10^{-9}$ m b) $2 \times 10^{-10}$ m c) $2 \times 10^{-11}$ m d) $2 \times 10^{-12}$ m	
2. The number of atoms in 1.79 g of gold and how much sodium are equal a) 0.023 b) 23 c) 230 d) 2300	
3. Which is not a molecular ion a) He <sup>+</sup> b) CH <sub>4</sub> <sup>+</sup> c) NH <sub>4</sub> <sup>+</sup> d) CO <sup>+</sup>	
4. Haemoglobin is a macromolecule and consists of approximately atoms a) 5000 b) 10,000 c) 68000 d) 15000	
5. Isotopes differ in a) Chemical properties b) Arrangement of electrons in orbitals c) Properties which depend upon mass d) The extent to which they may be affected in electromagnetic field	