

## Chemistry Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Geometrical isomerism is possible in.	A. Alkanes B. Alkene C. Cycloalkanes D. Botha b and c
2	A gas has a density of 1.43 g dm3 at STP. What is the molar mass of the gas?	A. 14.3 g mol-1 B. 32.0 g mol-1 C. 22.4 g mol-1 D. 64.0 g mol-1
3	Na burns with oxygen to give.	A. Golden yellow flame B. Golden brown flame C. Crimson red flame D. Intense white flame
4	Monomer of polystyrene is.	A. Styrene B. Ethene C. Benzene D. Toluene
5	What is the value of water's enthalpy of vaporization.	A. 21 kJ/mol B. 41 kJ /mol C. 30 kJ /mol D. 60 kJ /mol
6	The energy required to break a chemical bond is called.	A. lonization energy B. Bond energy C. Enthalpy D. Activation energy
7	A Daniell cell produces electricity through	A. Electrolysis B. Radioactivity C. Spontaneous redox reaction D. Endothermic reaction
8	In a titration, the equivalence point is when	A. No acid left B. pH = 7 C. Moles of acid= moles of base D. Buffer forms
9	Decreasing pressure shifts equilibrium towards.	A. Sides with mroe gas moleules B. Side with fewer gas molecules C. Liquids D. Solids
10	Which stepin the Born-Haber cycle is always endothermic	A. Sublimation B. Electron gain enthalpy C. Hydration D. Lattice formation
11	At equilibrium Delta G is	A. Zero B. Positive C. Negative D. Maximum
12	The rate determinig step in a multistep reaction is	A. The slowest step B. Always the first step C. Always the last step D. The fastest step
13	Rate = k [A] ; defines	A. Stoichiometry B. Reaction order C. Reaction mechanism D. Titration
14	Electrolysis is the process of	A. Chemical energy into electrical     B. Electrical energy into chemical     C. Heat energy into mechanical     D. Mechanical energy into chemical
15	Which of the following is not a property of polymers.	A. High melting point     B. Flexibility     C. isolubility in water     D. Low molecular mass

16	The solubility product of AgCl is $2.0 \times 10^{-10}$ mol2 dm-6. The maximum concentration of Ag+ions in the solution is.	A. 2.0 x 10 <sup>-10</sup> mol dm <sup>-3</sup> B. 1.41 x 10 <sup>-5</sup> mol dm <sup>-3</sup> C. 1.0 x 10 <sup>-10</sup> mol dm <sup>-3</sup> D. 4.0 x 10 <sup>-20</sup> mol dm <sup>-3</sup>
17	Enthalpy change in hydration depends on.	A. Charge B. lon size C. Solvent nature D. All of these
18	What is the effect of decresing external pressur eon boiling point of a liquid.	A. It increases B. It remains constant C. It decrease D. It fluctuates
19	Square root of the freuency of X-rays isatomic number	A. Directly proportional to B. Inversely Proportional to C. Equal to D. Half of
20	Electroplating involves.	A. Electrolysis for coating B. Spontaneous oxidation C. Redox without electordes D. Thermolysis