

## Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Enthalpy change of a process is measured under	A. Constant volume B. Constant pressure C. Constant temperature D. Constant Energy
2	What is the ratio of volumes of 2 g of $H_2$ to the volume of 16 g $CH_4$ both at STP	A. 1:1 B. 1:8 C. 1:2 D. 2:1
3	The process of purifying copper using electricity is called.	A. Electrolysis B. Electroplating C. Electrorefining D. Electrogravimetry
4	What is the first step in the electrophilic addition reaction of alkenes.	A. Formation of a carbocation B. Attack by nucleophile C. Attack by an electrophile on the double bond D. Formation of a free radical
5	How many extra electrons than a normal octet are there in the valence shell of I in $ICl_5$ ?	A. 2 B. 3 C. 4 D. 5
6	Which factor affects lattice energy	A. Ion size B. Ion charge C. Crystal structure D. None of these
7	Down cell is used for extraction of.	A. Zinc B. Iron C. Sodium D. Aluminum
8	Which of the following has all the three characters i.e. ionic, covalent and coordinate covalent.	A. $H_2O$ B. $NH_3$ C. $KBr$ D. $NH_4Cl$
9	In an acid base titration, the equivalence point is reached when.	A. pH of the solution is 7.0 B. The indicator changes color C. Equal volumes of acid and base have been added D. The reaction stops
10	The sum of atomic masses of all the elements present in a molecule is called.	A. Atomic mass B. Ionic mass C. Molecular mass D. Empirical formula mass
11	What type of bond cleavage occurs in the initiation step	A. Homolytic B. Ionic C. Heterolytic D. Covalent
12	The shape of $ICl_5$ according to the VSEPR model is	A. T shape B. Tetrahedral C. Trigonal planar D. Trigonal bipyramidal
13	At equilibrium in a closed system, which two processes occur at the same rate.	A. Melting and Freezing B. Evaporation and condensation C. Sublimation and condensation D. Evaporation and boiling
14	Anti-Markovnikov's addition occurs in the presence of	A. $HBr$ only B. Organic peroxide C. Water D. $AlCl_3$

15	Which of the following reactions reaches equilibrium	A. Reversible B. Irreversible C. Combustion D. Neutralization
16	Which species is both a Bronsted acid and base.	A. H <sub>2</sub> O B. Na <sup>+</sup> C. OH <sup>-</sup> D. Cl <sup>-</sup>
17	Modern periodic table provides information about.....elements.	A. <p>100</p> B. <p>118</p> C. <p>110</p> D. <p>130</p>
18	Law of mass action is applicable to.	A. Reversible reaction B. Combustion reactions C. Irreversible reactions D. Endothermic reactions only
19	Which of the following is most stable.	A. Tertiary radical B. Primary radical C. Secondary radical D. Methyl radical
20	Why does ice float on water.	A. <p>It has lower density than water</p> B. <p>It is heavier than water</p> C. <p>It forms ionic bonds</p> D. <p>It denser than water</p>