

## Chemistry Fsc Part 1 Online Test

0	Overtions	Arrayana Ohaira
Sr	Questions	Answers Choice
1	London dispersion forces are teh only forces present among.	A. Molecules of water in liquid state B. Atoms of helium in gaseous stat at high temperature C. Molecules of solid iodine D. Molecules of hydrogen chloride gas
2	What happens to the shae of a NaCl crystal when 10% urea is present in its solution.	A. It becomes needle like B. It becomes larger C. It reamains the same D. It becomes cubic
3	The lowest stepin a mechanism is	A. Fast step B. Activation step C. Rate determining step D. Initiation step
4	The quantum numebr values for the fourth electron of Be atom are.	A. 1,0,0 B. 2,0,0 C. 2,1,0 D. 1,1,1
5	For gaseous reactions, rate is ofter monitored by	A. Mass change B. pH change C. Pressure change D. Temperature change
6	Which of the following is an extensive property.	A. Enthalpy B. Temperature C. Density D. Pressure
7	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
8	What is molecular geopetry of SO4 <sup>-2</sup> ion.	A. Tetrahedra B. Trigonal Planar C. Trigonal pyramidal D. Linear
9	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
10	What type of reation has a negative Delta H and Delta S?	A. Always spntaneous     B. Never spontaneous     C. Spontaneous at low temp     D. Spontaneous at high temp
11	NH4Cl in water makes solution	A. Neutral B. Acidic C. Basic D. amphoteric
12	How many electron presetn in CI are.	A. 17 B. 18 C. 19 D. 35
13	Which gas has highest molar enthalpy of combustion	A. C2H2 B. CH4 C. H2
14	A solution contains 4.0 g of sodium hydroxide in 250 cm3 of solution. What is the molar concentration of this solution	D. CO  A. 0.10 mol dm-3 B. 0.20 mol dm-3 C. 0.40 mol dm-3 D. 0.80 mol dm-3
		A. Increase

15	Surface tension usually with interasig temperature.	B. Decrease C. Remain constant D. Doubles
16	Atoms having same atomic mass but different atomic numebr are called.	A. lsobars B. lsotopes C. lsotones D. lsotones
17	Concept of Triads was given by	A. Mendeleev B. L. Meyer C. Dobereiner D. Newlands
18	Le Chatelier's Principle applies to.	<ul><li>A. Irreversibel reactions</li><li>B. Static equilibrium</li><li>C. Dynamic equilibrium</li><li>D. Precipitation reactions</li></ul>
19	The pKa value for HCOOH is.	A. 4.74 B. 3.78 C. 4.78 D. 4.24
20	A salt from stron acid+weak base gives.	A. Neutral solution     B. Acidic solution     C. Precipitate     D. Basic solution