

## Chemistry Fsc Part 1 Online Test

Cr.	Questions	Answers Choice
Sr	Questions	
1	Catalyst used in Haber process is	A. Fe B. Pt C. Cu D. Zn
2	Collision frequency depends on	A. Pressure B. Concentration C. Temperature D. All of these
3	Dynamic equilirbrium is attained when	A. Forward reaction stops     B. Reverse reaction stops     C. Forward and reverse reactions continue at equal rates     D. Concentration of products become zero
4	Which is NOT a feature of dynamic equilibrium.	A. Closed system B. Constant Temperature C. Uequal reaction rates D. No net change
5	Electrons in a galvanic cell flow from	A. Anode to cathode B. Cathode to anode C. Salt bridge to cathode D. Elecrolyte to anode
6	The most stable carbonium ion among the following is.	A. (CH3)3C+ B. CH3+ C. CH3 CH2+ D. (CH3)2CH-
7	Law of mass action is applicable to.	A. Reversible reaction B. Combustion reactions C. Irreversible reactions D. Endothermic reactions only
8	Kc = 0.040 at 450 oC for the teh given reaction, evaluate Kp for the reaction. Pcl5PCl2 + Cl2	A. 0.40 B. 2.4 C. 0.64 D. 0.052
9	Increase in pressur shifts equilibrium to.	A. Side with more moles of gas B. Sides with fewer moles of gas C. Liquid phase D. Solid phase
10	The conjugate acid of NH3 is	A. NH4 B. NH2 C. NO3 D. N2H4
11	Reaction in Haber process is	A. Endothermic B. Exothermic C. Irrversible D. Neutral
12	A salt from stron acid+weak base gives.	A. Neutral solution B. Acidic solution C. Precipitate D. Basic solution
13	Natrual rubber is a polymer	A. Isoprene B. Sgtryrene C. Vinyl chloride D. Butadiene
14	Rate of fastest	A. At start B. In middle C. At end D. After completion
15	Why does acetone feel colder than water when poured on skin.	A. It reacts with skin B. It has lower boiling point and evaporate faster

		C. It is more viscous D. It absorbs moisture
16	Why can a water molecule formtwo hydrogen bonds on avarage.	A. Beacuse it is polar B. Due to its temperature C. It has 2 hydrogen atm and 2lone pairs D. Becuse  it has a covalent bond
17	The enthalpy of sublimation involves.	A. Solid to gas B. Solid to liquid C. Liquid gas D. Gas to liquid
18	The reaction at the cathode is alwyas	A. Oxidation B. Neutral C. Reduction D. lonization
19	The bond angle in ethene is approximately	A. 109. 5 <sup>o</sup> B. 180. 5 <sup>o</sup> C. 120. <sup>o</sup> D. 90. <sup>o</sup>
20	Which indicator is typically used for titration involving strong acids and strong bases.	A. Methyl red B. Phenolphthalein C. Bromothymol blud D. Litmus solution