

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The numebr of molesof CO ₂ which contain 8 g of oxygen	A. 0.25 B. 0.5 C. 1.0 D. 1.50
2	Anti-Markovnikov's additio occurs in the presence of	A. HBr only B. Organic peroxide C. Water D. KMnO ₄
3	Which of the following is NOT a property of liqid crystals.	A. Fluidity B. Rigidity like crystals C. Complete isotropy D. Viscosity
4	What is the type of [ICL ₄] according to the VSEPR model.	A. AB ₄ Tetrahederal B. AB ₄ , Pyramidal C. AB ₅ , trigonal bipyramidal D. AB ₆ , trigonalbipyramidal
5	Which of the followng has the lowest molar hat of vaporization.	A. HCl B. Water C. NH ₃ D. Ethanol
6	The general formula for alkanes is.	A. C _n H _{2n+2} B. C _n H _{2n-2} C. C _n H _{2n} D. C _n H _{2n-1}
7	What is the firt step in the electrophilic addition reaction of alkenes.	A. Formation of acarbocation B. Attack by nucleophile C. Attack by an electrophile on the double bond D. Formation of a free radical
8	What is teh oxidation state of sulfur in the sulfate ion SO ₄ ²⁻	A. $+4$ B. $+6$ C. $+2$ D. 0
9	Electrochemical cells convert chemical energy into	A. Electrla energy B. Heat C. Light D. Nuclear energy
10	Which stepin the Born-Haber cycle is always endothermic	A. Sublimation B. Electron gain enthalpy C. Hydration D. Lattice formation
11	At equilibrium in a closed system, which two processes occur at tha same rate.	A. Melting and Freezing B. Evaporation and condensation C. Sublimation and condensation D. Evaporation and boiling
12	Which compound is a cycloalkane.	A. Butene B. Cyclopentane C. Benzene D. Cyclopentane
13	What is the unit of cell potanetial.	A. ampere B. Volt C. Ohm D. Farad
14	In an energy profile, peak represents.	A. Reactants B. Activated complex C. Products D. Catalyst

15	What types of force is hydrogen bonding.	A. <p>Ionic bond</p> B. <p>A special type of dipole dipole force </p> C. <p>Metalic Bond</p> D. <p>London Dispersion force</p>
16	Redox reactions always involve.	A. Gain of protons B. Transfer of electrons C. Loss ofneutrons D. Nuclear change
17	Rate constant dependent of	A. Time B. Temperature C. Concentration D. Catalyst
18	Electrochemical equivalent is.	A. Mass per mole B. Mass per coulomb C. Charge per second D. Current per mass
19	Litmus turns which color in a basic solution.	A. Red B. Orange C. Blue D. Colorless
20	The addition of unsymmetirical regent to an unsymmetrical alkene is in accordance with.	A. markovnikov's rule B. Hund'srrule C. Le Chatelier's principle D. Aufbau principle