

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Electrons in a galvanic cell flow from	A. Anode to cathode B. Cathode to anode C. Salt bridge to cathode D. Electrolyte to anode
2	The number of moles of CO ₂ which contain 8 g of oxygen.	A. 0.25 B. 0.5 C. 1.0 D. 1.50
3	Which statement is true at dynamic equilibrium.	A. No reaction is occurring B. Concentrations are changing C. Rates of forward and reverse reactions are equal D. Rate forward reaction < reverse
4	Why can a water molecule form two hydrogen bonds on average.	A. Because it is polar B. Due to its temperature C. It has 2 hydrogen atoms and 2 lone pairs D. Because it has a covalent bond
5	Litmus turns which color in a basic solution.	A. Red B. Orange C. Blue D. Colorless
6	Unit of k for second order reaction is	A. mol dm^{-3} B. s^{-1} C. $\text{mol}^{-1} \text{dm}^3 \text{s}^{-1}$ D. $\text{mol}^{-2} \text{dm}^6 \text{s}^{-1}$
7	Select basic oxide.	A. MgO B. CO ₂ C. SiO ₂ D. Al ₂ O ₃
8	Which of the following statements correctly describes the effect of temperature on the equilibrium constant.	A. K _c is directly proportional to temperature B. K _c is inversely proportional to temperature. C. K _c depends on the enthalpy change of the reaction D. Temperature has no effect on the value of K _c
9	The bond angle in ethene molecule is.	A. 120° B. 180° C. 109° D. 107.5°
10	Which gas has highest molar enthalpy of combustion	A. C ₂ H ₂ B. CH ₄ C. H ₂ D. CO
11	Which one do you think is correct about metallic character.	A. It decreases from top to bottom in a group B. It increases from top to bottom in a group C. It remains constant from left to right in a period D. It increases from left to right in a period
12	Which dialyzing solution has highest pH	A. Vinegar B. Lemon juice C. Ammonia solution D. Coffee
13	Units of K _c depend on	A. Catalyst B. Reaction stoichiometry C. Activation energy D. ΔH

14	Redox reactions always involve.	A. Gain of protons B. Transfer of electrons C. Loss of neutrons D. Nuclear change
15	Electrolysis of brine produces.	A. Hydrogen, oxygen, NaOH B. Sodium, Chlorine, H ₂ O C. Hydrogen, Chlorine, NaOH D. NaOH, Cl ₂ , CO ₂
16	Which of the following reactions reaches equilibrium	A. Reversible B. Irreversible C. Combustion D. Neutralization
17	2nd Value of electron affinity	A. Will be negative always B. Will always be positive C. Equal to 1st value D. Double than 1st Value
18	Which is a weak acid	A. HNO ₃ B. H ₂ SO ₄ C. HF D. HCl
19	The value for (n) Principal quantum number can not be.	A. 0 B. 1 C. 2 D. 3
20	In an energy profile, peak represents.	A. Reactants B. Activated complex C. Products D. Catalyst