

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Alkanes are also called.	A. paraffins B. Olefins C. Aromatics D. Alkynes
2	Why can gases be compressed easily.	A. <p>Because they have strong intermolecular forces</p> B. <p>Because their particles are lightly packed</p> C. <p>Because most of their volume is empty space</p> D. <p>Because they are denser than solids</p>
3	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>
4	A substance that changes color with pH is a	A. Orange B. Red C. Yellow D. Blue
5	Which gas has highest molar enthalpy of combustion	A. C2H2 B. CH4 C. H2 D. CO
6	A Daniell cell produces electricity through	A. Electrolysis B. Radioactivity C. Spontaneous redox reaction D. Endothermic reaction
7	Why are cholesteric liiquid crystals useful in medical diagonostics.	A. <p>They kill bacteria</p> B. <p>They react with tumors chemically</p> C. <p>They detect temperatur edifferences</p> D. <p>They absorb X -rays</p>
8	The shape of ethene molecule i due to	A. Sp hybridization B. Sp ₂ hybridization C. Sp ₃ hybridization D. d ₂ sp ₃ hybridization
9	What is the IUPAC name of CH ₃ CH ₂ CH ₃ ?	A. Methane B. Propane C. Butane D. Ethane
10	The solubility product of AgCl is 2.0×10^{-10} mol ² dm ⁻⁶ . The maximum concentration of Ag ⁺ ions in the solution is.	A. 2.0×10^{-10} mol dm ⁻³ B. 1.41×10^{-5} mol dm ⁻³ C. 1.0×10^{-10} mol dm ⁻³ D. 4.0×10^{-20} mol dm ⁻³
11	A polymer used for non -stick cookware is.	A. Teflon B. Nylon C. Plyvinyl chloride D. Polythene
12	A solution with equal [H ⁺] and [OH ⁻] is	A. Basic B. Acidic C. Neutral D. Salt
13	Strong bases have	A. Low Kb B. High Kb C. Low pH D. High Ka

14 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

15 In a chemical reaction, a catalyst.

A. Alters ΔH
B. Lowers activation energy
C. Is consumed
D. Forms product

16 $\Delta H = q$ at constant

A. Pressure
B. Energy
C. Volume
D. Temperature

17 Effective collisions are those that.

A. Have enough energy and proper orientation
B. Are elastic
C. Are in vacuum
D. Produce no change

18 Dynamic equilibrium 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

19 Which is not a path function

A. Work
B. Heat
C. Entropy
D. Temperature

20 $\text{Rate} = k [A]$; defines

A. Stoichiometry
B. Reaction order
C. Reaction mechanism
D. Titration
