

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	What are the number of moles of hydrogen atom in 3.2 g of CH ₄ ?	A. 0.2 B. 0.4 C. 0.6 D. 0.8
2	Which element has E ₀ = 0.00 V?	A. H ⁺ B. H ₂ C. SHE D. All of the above
3	The strength of base is measured by its.	A. K _a B. K _b C. P _{kw} D. K _w
4	In the Hall Heroult process, aluminum is obtained by	A. Chemical reaction B. Thermal decomposition C. Electrolysis of alumina D. Roasting and leaching
5	Rate constant can be determined by	A. Titration B. spectroscopy C. conductometry D. all of these
6	Which one reduces activation energy.	A. Catalyst B. Inhibitor C. Product D. Reactant
7	Which of the following statement not correct regarding bonding molecular orbitals.	A. Bonding molecular orbital possesses less energy than atomic orbitals; from which they are formed B. Bonding molecular orbitals have low electron density between the two nuclei C. Every electron in the bonding molecular orbitals contributes to the attraction between atoms. D. Bonding molecular orbitals are formed when the electron waves undergo constructive interference;
8	The number of moles of CH ₄ in 4 g of gas is	A. 0.2 moles B. 0.25 mole C. 0.3 mol D. 0.4 mole
9	What is the rearranged form of the ideal gas equation to calculate molar mass of a gas.	A. $M = PVn/RT$ B. $M = PV / MRT$ C. $M = m RT/PV$ D. $M = RT/PV m$
10	The reaction at the cathode is always	A. Oxidation B. Neutral C. Reduction D. Ionization
11	The pH scale ranges typically from	A. 1 - 10 B. 0 - 14 C. -1 to 1 D. 7 - 14
12	Which one is a Lewis base.	A. H ⁺ B. NH ₃ C. HCl D. BF ₃
13	Which of the following is a copolymer.	A. SBR Rubber B. Polyethylene C. PVC D. Polypropylene

14	Which of the following has minimum mass	<p>A. 3×10^{23} atom of C</p> <p>B. 1 mole of S</p> <p>C. 79 gram of Ag</p> <p>D. 2 gram atoms of N</p>
15	A 0.01 M solution of a strong acid has a pH of	<p>A. 3</p> <p>B. 2</p> <p>C. 5</p> <p>D. 4</p>
16	Which of the following is an addition polymer.	<p>A. Nylon</p> <p>B. Bakelite</p> <p>C. Polyethylene</p> <p>D. Terylene</p>
17	A limiting reactant is the one which	<p>A. Is taken on lesser quantity in gram compared to other reactants</p> <p>B. Is taken in lesser quantity in volume as compared to the other reactants</p> <p>C. Gives the maximum amount of the product which is required</p> <p>D. Gives the minimum amount of the product under consideration</p>
18	Combustion of methane is.	<p>A. Reversible</p> <p>B. Endothermic</p> <p>C. Irreversible</p> <p>D. Equilibrium process</p>
19	In the electrophilic addition of HBr to propene, the major product is.	<p>A. 1-bromopropane</p> <p>B. 2-bromopropane</p> <p>C. 3-bromopropane</p> <p>D. Isopropanol</p>
20	The sign of ΔH during melting is.	<p>A. Negative</p> <p>B. Positive</p> <p>C. Zero</p> <p>D. Can't be predicted</p>