

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	If the electronegativity difference between bonded atoms is more than 0.5 but less than 1.7, the bond will be.	A. <p>Ionic</p> B. <p>Polar Covalent</p> C. <p>Non polar covalent</p> D. <p>Coordinate covalent</p>
2	CH ₃ COONa is a salt of.	A. Strong acid+ Strong base B. Weak acid+Strong base C. None D. Weak base+Weak acid
3	Group 16 elements are also called.	A. <p>Chalcogens</p> B. <p>Pnictogens</p> C. <p>Alkali metals</p> D. <p>Halogens</p>
4	Which of these monomers forms a condensation polymer.	A. Ethane B. Styrene C. Adipic acid+ hexamethylenediamine D. Vinyl chloride
5	For gaseous reactions, rate is often monitored by	A. Mass change B. pH change C. Pressure change D. Temperature change
6	What is the IUPAC name of CH ₃ CH ₂ CH ₃ ?	A. Methane B. Propane C. Butane D. Ethane
7	Atoms having same atomic mass but different atomic number are called.	A. <p>Isobars</p> B. <p>Isotopes</p> C. <p>Isotones</p> D. <p>Isoelectrons</p>
8	The activity series of metals arranges metals in order of their.	A. Atomic mass B. Density C. Ease of oxidation D. Ease of reduction
9	Which of the following is a copolymer.	A. SBR Rubber B. Polyethylene C. PVC D. Polypropylene
10	What happens to the volume of water when it freezes.	A. <p>Because F is less electronegative</p> B. <p>Because it is non polar</p> C. <p>Because hydrogen bonding in HF traps the H ⁺ ion</p> D. <p>Because HF is a gas</p>
11	A sample of nitrogen gas has a mass of 14.0 g. How many nitrogen atoms are present in this sample?	A. <p>3.01 x 10 ²⁵ atoms</p> B. <p>6.02 x 10 ²³ atoms</p> C. <p>12.01 x 10 ²⁵ atoms</p> D. <p>2.40 x 10 ²⁵ atoms</p>
12	Electrolysis requires.	A. Redox reaction B. Spontaneous cell C. Non spontaneous reaction D. Combustion
13	Which element has E ₀ = 0.00 V?	A. H ⁺ B. H ₂ C. SHE D. All of the above
14	A zero order reaction has rate	A. Proportional to [A] B. Independent of [A] C. Proportional to time

		D. Zero
15	Which compound is a cycloalkane.	A. Butene B. Cyclopentane C. Benzene D. Cyclopentane
16	Electronic cloud around the nucleus is uniformly distributed in all directions in.....subshell	A. f B. s C. d D. p
17	If K_a of acetic acid is 1.8×10^{-5} , IT IS	A. Strong acid B. Base C. Weak acid D. Neutral
18	What is the role of a pressure cooker in boiling water.	A. It lowers atmospheric pressure B. It allows water to evaporate quickly C. It increases external pressure raising boiling point D. It cools the steam
19	A solution contains 4.0 g of sodium hydroxide in 250 cm ³ of solution. What is the molar concentration of this solution	A. 0.10 mol dm^{-3} B. 0.20 mol dm^{-3} C. 0.40 mol dm^{-3} D. 0.80 mol dm^{-3}
20	Which is NOT a feature of dynamic equilibrium.	A. Closed system B. Constant Temperature C. Unequal reaction rates D. No net change