

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of these is NOT a property of acids.	A. Conduct electricity B. Turn litmus red C. Sour taste D. Feel slippery
2	What causes the lower compressibility of liquids compared to gases.	A. <p>Absence of intermolecular forces</p> B. <p>Larger molecular size</p> C. <p>Stronger intermolecular forces and less empty space</p> D. <p>High kinetic energy of molecules</p>
3	Suppose there are 100 molecules of a gas initially in jar A, which is connected to an evacuated jar B, When the stopcock is opened, the positive ways of arrangement of molecules will be	A. 100 B. 1/100 C. 2/100 D. 1/2
4	How many d orbitals are there in a given energy level.	A. <p>1</p> B. <p>5</p> C. <p>3</p> D. <p>7</p>
5	Electronegativity value of "Cs" is	A. <p>2.1</p> B. <p>0.79</p> C. <p>0.1</p> D. <p>4</p>
6	Half life formula for 1st order reaction is	A. $0.693 / k$ B. $k \times t$ C. $1 / k$ D. $2 k$
7	Which of the following contains same number of particles as present in 12 g of carbon	A. <p>28 g of iron (Atomic mass of Fe = 56)</p> B. <p>48 g of magnesium (Atomic mass of Mg = 24)</p> C. <p>32 g of S Molecules (Atomic mass S = 32)</p> D. <p>44 g of carbon dioxide (molar mass of CO₂ = 44)</p>
8	A p orbital has a characteristic shape with how many lobes.	A. <p>1</p> B. <p>2</p> C. <p>3</p> D. <p>4</p>
9	The quantum number 'm' of a free gaseous atom is associated with	A. <p>The effective volume of the orbital</p> B. <p>The shape of the orbital</p> C. <p>The spatial orientation of the orbital</p> D. <p>The energy of the orbital in the absence of a magnetic field</p>
10	The bond angle in ethene molecule is.	A. <p>120°</p> B. <p>180°</p> C. <p>109°</p> D. <p>107.5°</p>
11	Which of the following is an aromatic hydrocarbon	A. Benzene B. Ethene C. Methane D. Cyclohexane
12	When a crystalline solid is broken, it does so along specific planes, These planes are known as.	A. <p>Cleavage planes</p> B. <p>Crystal faces</p> C. <p>Surface planes</p> D. <p>Growth planes</p>
13	Lysosomes are formed by budding from which cellular organelle.	A. Smooth endoplasmic reticulum B. Golgi apparatus C. Rough endoplasmic reticulum D. Nucleus

14	A substance that changes color with pH is a	A. Orange B. Red C. Yellow D. Blue
15	Which one of the following has maximum mass.	A. 0.5 mol of N_2 B. 0.5 Mol of NH_3 C. 0.5 mol of He D. 0.5 mol of H_2
16	Decreasing pressure shifts equilibrium towards.	A. Sides with more gas molecules B. Side with fewer gas molecules C. Liquids D. Solids
17	Which of the following does not affect pH.	A. Concentration B. Temperature C. Color of solution D. Strength
18	Overall order is sum of	A. Coefficients B. Exponents in rate law C. Moles D. Products
19	Rate of fastest	A. At start B. In middle C. At end D. After completion
20	What is the correct IUPAC name of $\text{CH}_3\text{CH}=\text{CH}_2$?	A. Propene B. Propane C. Ethene D. Butene