

Chemistry Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Which of the following methods measures reaction rate.	A. Conductivity B. Titration C. Volume of gas D. All of these
2	The total number of oxygen atom is 22 g of CO2 gas is	A. 6.02 x 10 ²³ molecules B. 12.4 x 10 ²³ C. 12.04 x 10 ²³ D. 20 x 10 ²³ D. 20 x 10 ²³
3	Reaction in Haber process is	A. Endothermic B. Exothermic C. Irrversible D. Neutral
4	Which is not a path function	A. Work B. Heat C. Entropy D. Temperature
5	In color change reactions, which method is best	A. Colorimetry B. Titration C. Conductometry D. Manometry
6	The number of molecule in 8g of oxygen gas is.	A. 6.02 x 10 ²³ B. 1.50 x 10 ²³ C. 0.75 x 10 ²³ D. 12.4 x 10 ²³
7	On Boltzmann distribution curve, the area under the curve represents.	A. Activation energy of the rreaction B. Total number f moleclues in the sample C. Average kinetic energy of the molecules D. Rate constant of the reaction
8	Removing a reactant shifts equilibrium to	A. Left B. Right C. No shift D. Depends on temperture
9	If Ka of acetic acid is 1.8 X 10 ⁻⁵ , IT IS	A. Strong acid B. Base C. Weak acid D. Neutral
10	Considr two reactions with different activation energies at the same temperature, The reaction with the lower activation energy will have	A. A smaller rate constatn B. A larger rate constant C. The same rate constant D. A rate constant that depends on the enthalpy change
11	Highest bond order is found in	A. O2 B. O2 ⁻¹ C. O2 ⁺² D. O2 ⁺¹
12	The standard enthalpy of formation of elements in their standard state is	A. 0 B1 C. 1 D. 25
13	When water freezes at 0 oC its density decrease due to.	A. Cubic structur eof ice B. Empty spces present in the structure of ice

		C. Derease in volume D. Decrease in viscosity
14	Energy profile shows	A. Concentration B. Temperature C. Energy vs reaction progress D. Time
15	specific heat capacity is amount of heat needed to raise temp of	A. 1 mole B. 1 gram C. 1 kg D. 100 grams
16	What is the SI unit of viscosity.	A. Pascal B. kg m-1 s-1 C. Joule D. Nm-2
17	Unit of k for second order reaction is	A. mol dm-3 B. s-1 C. mol-1 dm3 s-1 D. mol -2 dm ⁶ s-1
18	What is the role of a pressur ecooker 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	When does a liqudi start boiling.	A. When temperatur reahes 100 oC B. When its vaporu pressur eequals atmospheric pressure C. When all molecules turn into vapour D. When surface tension becomes zero
20	Which state of matter exists only within a narrow range of temperature and presssure.	A. Liquid B. Solid C. Gas D. Plasma