

Chemistry Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Equal masses of methane and oxygen are mixed in an empty container at 25 °C. The fraction of total pressure exerted by oxygen is.	A. 1/3 B. 8/9 C. 1/9 D. 16/17
2	The order of the rate of diffusion of gases NH ₃ , SO ₃ , Cl ₂ and CO ₂ is.	A. NH ₃ >SO ₂ >Cl ₂ >CO ₂ B. NH ₃ >CO ₂ >SO ₂ >Cl ₂ C. Cl ₂ >SO ₂ >CO ₂ >NH ₃ D. Cl ₂ >SO ₂ >CO ₂ >NH ₃
3	How should the conditions be changed to prevent the volume of a give gas from expanding when its mass is increased.	A. Temperature is lowered and pressure is increased. B. Temperature is increased and pressure is lowered C. Temperature and pressure both are lowered D. Temperature and pressure both are increased
4	If absolute temperature of gas is doubled and the pressure is reduced to one half, the volume of the gas will.	A. Remain unchanged B. Increase four times C. Reduce to 1/4 D. Be doubled
5	Which of the following will have the same number of molecule at STP.	A. 280 cm ³ CO ₂ and 280 cm ³ of N ₂ O B. 11.2 dm ³ of O ₂ and 32 g of O ₂ C. 44 g of CO ₂ and 11.2 dm ³ of CO D. 28 g of N ₂ and 5.6 dm ³ of oxygen
6	Pressure remaining constant, at which temperature the volume of a gas will become twice of what it is at 0 °C	A. 546 °C B. 200 °C C. 546 K D. 273 K
7	Chromatographic technique is very useful for	A. Isolation B. Purification C. separation D. All of them
8	Large value of distribution coefficient K means.	A. Component of solute dissolved large in mobile phase B. Components of solute do not dissolve in mobile phase C. Components of solute remains at original spot D. All statements are correct
9	The paper at which separation of solute have been taken place is called.	A. Retardation factor B. Chromatogram C. Base line D. Solvent front
10	Chromatography in which stationary phase is a solid is called.	A. Partition chromatography B. Paper chromatography C. High pressure liquid chromatography D. Adsorption chromatography
11	Chromatography involves the distribution of a solute between.	A. Two stationary phases B. Two mobile phases C. A stationary phase and a mobile phase D. Two stationary and two mobile phase.
12	To achieve a good separation, the two liquids are gently shaken to increase their area of.	A. Miscibility B. Separation C. contact D. Solubility
13	Repeated extraction using small portions of solvent are more.	A. Accurate B. efficient C. Slow D. Rapid

14	In solvent extraction, solute can be separated from solution, by shaking the solution with solvent in which the solute is.	A. More soluble B. Partially soluble C. Insoluble D. soluble at high temp
15	Which one of the following substances is not sublime material.	A. Iodine B. Benzoic acid C. Ammonium chloride D. Potash alum
16	The components of which mixture can be separated by sublimation.	A. NaCl and Ca cl ₂ B. Is and water C. Sand and Naphthalene D. Blue and red inks
17	Safe and reliable method of drying crystals is through.	A. Pressing it between folds of filter paper B. Drying it in oven C. Evaporation of solution D. Vacuum desiccator