

Chemistry Fsc Part 1 Chapter 2 Online Test

| Sr | Questions | Answers Choice |
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| 1 | Chromatographic technique is very useful for | A. Isolation B. Purification C. separation D. All of them |
| 2 | 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 |
| 3 | The paper at which separation of solute have been taken place is called. | A. Retardation factor B. Chromatogram C. Base line D. Solvent front |
| 4 | Chromatography in which stationary phase is a solid is called. | A. Partition chromatography B. Paper chromatography C. High pressure liquid chromatography D. Adsorption chromatography |
| 5 | 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. |
| 6 | To achieve a good separation, the two liquids are gently shaken to increase their area of. | A. Miscibility B. Separation C. contact D. Solubility |
| 7 | Repeated extraction using small portions of solvent are more. | A. Accurate B. efficient C. Slow D. Rapid |
| 8 | 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 |
| 9 | Which one of the following substances is not sublime material. | A. Iodine B. Benzoic acid C. Ammonium chloride D. Potash alum |
| 10 | 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 |
| 11 | 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 |
| 12 | Which of the following substances is used as decolorizing agent. | A. Silica gel B. Animal charcoal C. conc. H ₂ SO ₄ D. Asbestos |
| 13 | Which one of the following substances is not used as drying agent in desiccators. | A. Calcium chloride B. Phosphorus pentoxide C. Silica gel D. 50% NaCl |
| 14 | | A. It should be inexpensive B. It should dissolve impurities easily C. It should dissolve large amount of |

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| 14 | Which one of the following is not property of a good solvent. | solute at boiling point and less amount of solute at low temperature. D. It should not react chemically with solute |
| 15 | Which one of the following methods will be used to separate the mixture of NaCl and sand. | A. Chromatography B. Solvent extraction C. Sublimation D. Filtration |
| 16 | Several types of filter media are used for filtration depending on | A. Nature of reactants B. Nature of reaction C. Size of precipitate D. Nature of filter paper |
| 17 | In chromatographic technique, R _f has unit. | A. Mol dm ⁻³ B. Cm C. m ³ D. No units |