

Question	Option1	Option2	Option3	Option4	CorrectAns
The viscosity of system is related to_____	Dissociation of system	Resistance to flow of system	Resistance to liquefaction	Resistance to Saponification	2
Which of the following principle is applied in aerosol technology?	Solidification of liquids	Liquefaction of gases	Freezing of solids	Condensation of liquids	2
Faraday's method is commonly used for _____	Solidification of liquids	Liquefaction of gases	Liquefaction of solids	Conversion of crystalline solids to amorphous	2
As temperature increases the vapour pressure_____	Decrease	No change in vapour pressure	May be decrease	Increase	4
As temperature increases the viscosity of system_____	Decrease	No change in vapour pressure	May be decrease	Increase	1
Claude's method is commonly used for_____	Solidification of liquids	Liquefaction of gases	Liquefaction of solids	Conversion of crystalline solids to amorphous	2
Liquid crystals are prepared by _____	Dissolution of gases	Melting of solids	Ionization of solids	Evaporation of liquids	2
Surfactants are _____	Ampiphilic molecules	Hydrophilic molecules	Lipophilic molecules	Saturated molecules	1
Dielectric constant of air is_____	1.6	1.03	1.0006	2.3	3
Debye is unit of_____	Dielectric constant	Dissociation constant	Dipole moment	Optical rotation	3
Sodium hydroxide ionize in solution:	partially	completely	incompletely	uncompletely	2
The dissolving medium in solution is:	Solute	Solvent	Mixture	Solution	2
Light refract in all material at_____	Same angles	opposite angles	Different angles	Nearly same angles	3

The opposite process of evaporation is _____	Freezing	Condensation	Boiling	Melting	2
K _b ' is known as _____	Dissociation constant of acid	Dissociation constant of base	Dissociation constant of salt	Dissociation of liquids	2
Which of the following is strong electrolyte?	Carbonic acid	Sodium hydroxide	Ammonium hydroxide	acetic acid	2
Amines are base according to which of the following theory?	Arrhenius theory	Lewis acid base theory	Base theory	Acid theory	2
The viscometer is used for measurement of which of the following?	Viscosity	Refractive index	Dipole moment	Dielectric constant	1
Which of the following is strong base?	Ammonium hydroxide	Ammonium chloride	Ammonium vanadate	Potassium hydroxide	4
Which of the following is additive property?	Osmotic pressure	Vapour pressure	Molecular weight	Freezing point	3
Osmotic pressure of solution is depends on which of the following?	Viscosity of solution	Concentration of dissolved solute	molecular weight of solute	Dissociation constant of solute	2
The HLB value of Sodium Lauryl Sulphate is _____	18	20	25	40	4
Which of the following flow system shows yield value?	Plastic flow	Pseudoplastic flow	Dilatant flow	Newtonian system	1
Which of the following exhibit Non-Newtonian flow property?	Syrup	Glycerin	Flocculated Suspension	Chloroform	3
Gel to sol to gel transition of system is known as _____	Rheology	Thixotropy	Optical property	Gelling property	2