

PPSC Chemistry Part VI Applied/Industrial Chemistry Online Test

Sr	Questions	Answers Choice
1	Cytosine a pyrimidine base pairs with	A. Guanine B. Thymine C. Adenine D. Any of these
2	Sodium silicate is used	A. In fire proofing of wood and textiles B. As a preservative of eggs C. As a furniture polish D. All above
3	Point out the incorrect statement.	A. Rate law is an experimental fact whereas law of mass action is a theoretical in nature. B. Rate law is always different from the expression of law of mass action C. Rate law is more informativeness than law of mass action D. Order of the reaction is equal to the sum of the exponents of concentration terms in the case law.
4	In coordination chemistry the donor atom of a ligand is.	A. A Lewis acid B. The counter ion C. The central metal atom D. The atom in the legend that shares an electron pair with the metal
5	The specific gravity of H ₂ SO ₄ is	A. 1.37 B. 1.84 C. 1.17 D. 1.57
6	Treatment of phenol with cold dilute nitric acid gives.	A. Only o-nitro phenol B. Only p-nitro phenol C. 2,4,6 -Teinitro phenol D. Mixture of o-and p-nitro phenol
7	For an elementary reaction 2A + B ----- C + D The molecularity of the reaction is.	A. 1 B. 2+ C. 3 D. 4
8	Used in producing intense light in cinematography	A. Xenon B. Krypton C. Radon D. Helium
9	The following alloys are the chief alloys that are die cast except.	A. Zinc alloys B. Magnesium alloys C. Manganese alloys D. Nickel alloys
10	A mixture containing S ²⁻ and SO ₄ ²⁻ ions on treating with dil HCl will produce	A. H ₂ S gas B. SO ₂ gas C. H ₂ S and SO ₂ gas D. CO
11	When a solute is dissolved in two immiscible solvents it will distribute itself between two phases and the ratio of the concentration of the solute in two phases will be constant, This is known as.	A. Starke law B. Distribution law C. Equilibrium law D. Snell's law
12	Which of the following is a non-auditory effect of noise on human body.	A. Changes in the Vascular tone B. Increase in the blood pressure C. Wakening of the coloured vision D. All above
13	Pick out incorrect statement regarding HF	A. It is used for making chlorofluorocarbon used as refrigerating fluids and as propellants in aerosols B. It is used in making ASIF ₃ and synthetic cryolite C. It is used in making Teflon D. It is used in making Freon

		C. Aqueous H^+ is used for etching glass D. HF does not react with B_2O_3 even in presence of conc. H_2SO_4
14	The halide which is inert to water is	A. PCl_5 B. SiCl_4 C. BCl_3 D. SF_3
15	Which of the following is the most abundant alkaline earth metal.	A. Be B. Mg C. Ca D. Sr
16	Which of the following steps is involved in quantitative analysis.	A. Sampling B. Conversion of the desired constituent into a suitable form per analysis. C. Measurement of some physical or chemicals property, on which the determination is based. D. All above steps
17	The rotation of plane polarized light when it passes through 1 dm of a solution containing 1 gram of the substance per cm^3 of the solution is called.	A. Molar rotation B. Molar refraction C. Specific refraction D. Specific rotation
18	The number of significant figures in the number 0.216 is	A. 1 B. 2 C. 3 D. 4
19	The following oxo acids have been arranged in the order decreasing acid strength identify the correct order.	A. III > IV > II > I B. III > II > I > IV C. I > II > III > IV D. IV > III > II > I
20	Solid phase micro extraction is a solvent less extraction technique This technique is used for preparation of samples for analysis by which of the following technique.	A. HPLC B. GC C. TLC D. Electrophoresis