

Analytical Chemistry MCQs: TYBSC SEM III

8. The solubility product K_{sp} of sparingly soluble Ag_2CrO_4 is 4×10^{-12} . The molar solubility of the salt is
- (a) 1.0×10^{-4} moles/lit
 - (b) 2.0×10^{-4} moles/lit
 - (c) 1.0×10^{-5} moles/lit
 - (d) 1.2×10^{-12} moles/lit
9. Solubility product of $AgCl$ is 1.44×10^{-4} moles/lit at 373K. The solubility of the $AgCl$ in boiling of water will be....
- (a) 0.72×10^{-4} moles/lit
 - (b) 0.72×10^{-2} moles/lit
 - (c) 1.20×10^{-2} moles/lit
 - (d) 1.20×10^{-4} moles/lit
10. Precipitation takes place when the ionic product....
- (a) Is zero
 - (b) Exceeds the solubility product
 - (c) Equal to solubility product
 - (d) Is less than the solubility product
11. The electromotive force is expressed in the unit of
- (a) Ohm
 - (b) Volt
 - (c) Ampere
 - (d) Coulomb
12. If the cell can provide electrical energy to an external system, it is called as
- (a) Galvanic cell
 - (b) Electrolytic cell
 - (c) Concentration cell
 - (d) Chemical cell
13. The current per unit area of electrode surface is known as....
- (a) Current efficiency
 - (b) Current yield
 - (c) Current density
 - (d) None of these

Analytical Chemistry Questions And Answers

E. Hywel Evans, Mike E. Foulkes



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