

PPSC Chemistry Part IV Analytical Chemistry Online Test

Sr	Questions	Answers Choice
1	DDT is	A. Biodegradable pollutant B. Nondegradable contaminant C. Air pollutant D. An antibiotic
2	Which of the following does not apply to metallic bond.	A. Overlapping valence orbitals B. Mobile valency electron C. Delocalized electrons D. Highly directed bonds
3	Which of the following is domain of industrial ecology.	A. The materials extractor B. The materials processor C. The consumer D. All of above
4	Which of the following sets of quantum number is possible.	A. $n = 4, l = 3, m = -3, s = 0$ B. $n = 4, l = 0, m = 0, s = +1/2$ C. $n = 4, l = 4, m = -4, s = -1/2$ D. None of these
5	Which of the following methods is chemical in nature.	A. Acid base titration B. Redox titration C. Complexometric titration D. All above methods
6	The order in O_2^+ is	A. 1.0 B. 1.5 C. 2.0 D. 2.5
7	Which of the following statements not correct with the concept of Bronsted concept of acids and bases.	A. An acid can donate a proton B. A base can accept a proton C. This concept has many bases that have OH^- ions D. This concept is more general
8	The common temperature detecting device in DTA are.	A. Thermocouples B. Thermopiles C. Thermistors D. All
9	The element having electronic configuration $1s^2, 2s^2, 3s^2, 3p^3$ is.	A. Trivalent only B. Tetravalent only C. Trivalent and pentavalent D. Pentavalent only
10	The fertilizers which provide single nutrient from NPK are called _____ fertilizer	A. <p>Straight</p> B. compound C. Both A and b D. None of above
11	Which of the following salt is not used in salt bridge to minimize liquid junction potential.	A. KCl B. NH_4Cl C. KNO_3 D. $CaCl_2$
12	The terpenoid present in oil of lemon grass is	A. Citral B. Geranial C. Nerol D. α -terpineol
13	The Langmuir adsorption isotherm shows that the amount of adsorbed gas per gram of the solid is equal to.	A. $\frac{a}{1+bp}$ B. $\frac{ap}{1+bp}$ C. $\frac{1+ap}{1+bp}$ D. $\frac{a(1+bp)}{1+bp}$
14	A diameter of human hair is approximately _____ m	A. 75000 B. 75 C. 7.5×10^{-5} D. 7.5×10^{-9}

15	Phosphorus is detected by fusing the organic compound with -----followed by extraction with H ₂ O	A. HNO ₃ B. H ₂ SO ₄ C. Sodium per oxide D. Ozone
16	Which of the following technique is used to separate substance of high molecular weight of different charges.	A. Dialysis B. Electrophoresis C. Solvent D. None of the above
17	_____ is best in its cleaning action.	A. Soap B. Detergents C. Surfactant D. None of these
18	An example of acyclic polyterpeneoid is	A. Myrcene B. Buna -S C. Synthetic rubber D. Natural rubber
19	The unequal sharing of bonded pair of electrons between the two atoms in a molecule causes.	A. Dipole B. Radical formation C. Decomposition of bond D. Covalent bond
20	Which of the following statement is not true in case of catalytic reforming.	A. Dehydrogenations high endothermic B. Dehydrogenation is exothermic C. Hydrodealkylation reactions are endothermic D. None of these