

PPSC Chemistry Full Book Test

C-	Ougations	Anguaga Chair-
Sr	Questions	Answers Choice
1	The kinetics of the decomposition of ammonia on the tungsten surface follows	A. Zero order B. First order C. Second order D. Third order
2	Which of the following statement in not correct with respect to inductive effect.	A. Bond length decrease with increase in inductive effect. B. Inductive effect generates polar character in bonds C. Variation in strength of aliphatic acids can be explained D. It alone cna explain the basically of triphenylamine
3	The process in which ore is heated generally in the presence of air, at temperature below their melting points is called.	A. Calcination B. Roasting C. Fourth floatation D. besemerization
4	The process of passing of a precipitate into colloidal solution, on adding an electrolyte is called.	A. DialysisB. PeptizationC. ElectrophoresisD. Electromsmosis
5	What do you call earth and stone missed with the iron oxide	A. hematite<0:p> B. Gangue <0:p> C. Ore<0:p> D. Normal">Normal"
6	The size of iso electronic species - F- , Ne, and Na+ is affected by	A. Nuclear charge (Z) B. Valence principal quantum number (n) C. Electron electron interaction in the outer orbital D. None of the factors because their size to the same.
7	Hydrolysis of nucleoprotein result in the formation of.	A. Proteins B. Nucleic acids C. Both A and B D. They do not hydrolyse
8	The high oxidizing power of halogens is favored by.	A. Low heat od dissociation of X2 B. A high electron affinity of the atom C. A higher hydration energy of the ion D. All of above
9	The theoretical plate in chromatography is represented by how many equilibrium step	A. One B. Two C. Three D. Four
10	When to a solution of weak electrolyte a strong electrolyte with a common ion is added, the dissociation of weak electrolytes is suppressed . This is known as.	A. Stark effect B. Salt effect C. Common ion effect D. Zeman effect
11	The proper number of significant figures in the number 0.0780 is.	A. 3 B. 1 C. 4 D. 2

		A. 17
12	Isotopes are atoms whom nuclei have the same atomic number but different mass numbers. A specific isotope has an atomic number of 18 and a mass number of 35. How many electrons are there in the neutral atom.	A. 17 B. 18 C. 34 D. 35
13	The photoelectric effect is the ejection pf electrons from the surface of metal when light falls on it. Which of the following statements is not correct about the phenomenon.	A. The kinetic energy of photo electron depends upon the frequen of the incident radiation B. Electrons are ejected only when the frequency of light exceeds a certain threshold value C. The higher the energy of the photon greater the kinetic energy of the ejected electron. D. The threshold frequency of all the metals is same.
14	Which of the following statements about anhydrous aluminium chloride is correct.	A. It exist as AICI3 molecules B. It is not easily hydrolysed C. It sublimes at 100 ^o under vacuum D. Boron does not form B ³⁺ ions
15	The number of mole of the solute dissolved per dm3 of the solution is called.	A. Molality B. Formality C. Normality D. Molarity
16	Example of peseudohalonge group.	A. Cyanogen B. Thiocyanogen C. Selenocyanogen D. All above
17	Which of the following is not a colligative property.	A. Elevation of B.P. B. Depresaion in F.P C. Viscosity D. Osmotic pressure
18	In sodium chloride type lattice, the ratio of coordination number of cation to anion is.	A. 6:6 B. 7:7 C. 4:8 D. 4:4
19	Which of the following gas protects us form harmful effect of uv radiation.	A. SO2 B. NO2 C. CO D. O3
20	NH4OH in the presence of H2S is used as a group reagent for which of the following group.	A. Group I B. Group II C. Group III D. Group IV