

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
SI	Questions	A. K2O
1	Potassium reacts with excess of oxygen to form	A. K2O B. K2O2 C. KO2 D. K2O3
2	The formula of bleaching powder is.	A. Ca OCI2 B. CaCIO3 C. Ca(CIO)3)2 D. CaOCI
3	Zinc oxide is.	A. A basic oxide B. An amphoteric oxide C. An acidic oxide D. A neutral oxide
4	The interactions in HF are.	A. dipole dipole interasctions B. Hydrogen bonds C. dipole -dipole and dispersion forces D. Hydrogen bond and diapersin forces
5	Which can be purified by sublimation	A. F2 B. Cl2 C. Be2 D. 2
6	Which of the following statements is correct.	A. A sigma bond is weaker than a pi pond B. There are four coordinate bonds in the Lewis structure of NH4+ ion. C. The 1 covalent bond is directional in nature D. A single bond between the two atoms cannot be re bond.
7	Metallic bond is treated essentially as in character	A. lonic B. Covalent C. Polar D. Non polar
8	The bond length is measured by	A. X-ray diffraction B. Neutron diffraction C. Microwave spectroscopy D. All of above
9	When 0.01 moles of NaOH are added to a buffer solution, its pH changes from 4.745 to 4.832 WHAT IS ITS.	A. 0.115 B. 0.900 C. 0.015 D. 0.215
10	The type of bonding in HCl is	A. Pure covalent B. Polar covalent C. Highly polar D. Hydrogen bonding
11	Boron and aluminum halides are electron deficient compounds in this respect. they act as.	A. Lewis acid B. Lewis base C. Oxidizing agent D. Reducing agent
12	Which of the following statement is not true for carbon.	A. Its forms compounds with multiple bonds B. Its ionization energy is very high C. It undergoes catanation D. It shows inert pair effect
13	Which one of the following does not exhibit paramegnetion.	A. NO B. NO2 C. CiO2 D. CIO-2
14	Metal are	A. Hard B. Ductile C. Malleable

		D. All
15	The correct order of second ionization potential of carbon nitrogen, oxygen and fluorine is.	A. C > N > O > F B. O > F > N > C C. O > N > F > C D. F > O > N > C
16	Which of the following has the maximum ionic character.	A. HF B. HCI C. HI D. HBr
17	Helium is used for	A. The preservation of foodB. Filling electrical transformerC. Pressuring agent in rocketsD. All of above
18	Xenon reacts best with	A. The most electropositive elements B. The most electronegative elements C. The hydrogen halides D. Non metals
19	Boric acid is added to glass because is.	A. Makes the glass opalescent B. Reduces the coefficient of expansion C. Makes the glass brittle D. Increase refractive index of the glass.
20	Perdisulphuric acid is.	A. Marshal acid B. Caro acid C. None of above D. Any of above