

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Molecules have zero dipole moment	A. CO2 B. BCl3 C. CH4 & CCl4
2	In the Lewis formula of which of the following species, the number of single double and dative bonds are equal.	D. All above A. N2O3 B. HNO3 C. SO2 D. SOCI2
3	Which element out of the following can ehibit a maximum con valency of seven.	A. Chlorine B. Sulphur C. Fluorine D. both Cl and F
4	The bond along Sp2 hybridization is.	A. 180 ^o B. 120 ^o C. 109.5 ^o D. 160 ^o
5	Sodium silicate is ued	A. In fire proofing of wood and textiles B. As a preservative of eggs C. As a furniture polish D. All above
6	Sodium silicate is used	A. In the paint industry B. For fixing labels to glass C. In a soap industry D. All above
7	The metallic character of group 14 elements	A. Decreases from top to bottom B. Increases from top to bottom C. Does not change gradully D. Has no significance
8	The common oxidation state of lanthanides is.	A. +3 B. +2 C. +1 D. +4
9	The energy gap between two bands so large that it effectively prevents the promotion of electron from the lower to the higher band such energy gap all called.	A. Ionization zoneB. Dissociation zoneC. Distinction zoneD. Forbidden zone
10	Which of the following is not an alkali metal.	A. Potassium B. Francium C. Sodium D. Strontium
11	Radon is obtained only in the radioactive decay of	A. Radium B. Thorium C. Actinium D. Any of above
12	Of the molecules, SF4, XeF4, and CF which has square planar geometry.	A. SF4, XeF4 and CF4 B. Sf4 only C. CF4 only D. XeF4
13	The carbonate of which of the following will have highest lattice energy.	A. Barium B. Magnesium C. Calcium D. Strontium
14	Separation of isotopes of uranium is carried out by	A. CaF2 B. SF6 C. HF D. All above
15	In the purification of bauxite , the ore is fused with sodium carbonate in the process	A. Baeyer's process B. Hall's process C. Serpeck's process D. Any of above

16	Strength of H bond in inter mediate between	A. Van der Waals forces and covalent bond B. lonic and covalent bond C. lonic and metallic bond D. Metallic and covalent
17	A thionic acid	A. H2S2O3 B. H2S2O6 C. H2S2O8 D. H2S2O7
18	The concept is also known as proton donor acceptor system.	A. Bronsted Lowery B. Lewis C. Lux Flood D. Usanovich
19	Has the highest value of electronegativity	A. F B. Cl C. Br D. I
20	Which of the following alkaline earth metals occurs in radioactive form in nature.	A. Ca B. Mg C. Ra D. Ba