

PPSC Chemistry Part III Inorganic Chemistry Online Test

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Sr	Questions	Answers Choice
1	The state of hybridization of carbon in CO2 is	A. sp2 B. sp C. sp3 D. dsp2
2	The ion that is isoelectornic with CO is	A. CN- B. O2+ C. CO2- D. N2+
3	Are used as water repellents	A. Carbides B. Silicon C. Silicones D. Silicates
4	Which of the following elements does not impart any characteristic colour to the flame.	A. Ca B. Mg C. Ba D. Sr
5	Carbon in wrought iron is present as	A. Silicon carbide B. Iron carbide cementite C. Graphite D. Partly as iron carbide and partly as graphite
6	A colorless gas with pleasant odour and sweet taste.	A. N2O B. N2O3 C. NO D. N2O4
7	H-Bond has more energy than the van der Waals forces i.e.	A. 1.0 kcal/mole B. 2.0 k cal/mole C. 10.0 kcal/mole D. 20. 0 kcal mole
8	The only oxidation state of alkali metals in their compounds is.	A. +1 B. +2 C1 D. 0
9	Which one of the following statements regarding BF3 is not correct.	A. It is an ionic compound B. It is an electron deficient compound C. It is a Lewis acid D. <div>It forms adducts</div>
10	H2SO4 is manufactured by	A. The lead chamber process B. The contact process C. Both A and B D. The Ostwald's process
11	The bond between two identical non metal atoms has a pair of electrons.	A. Unequally shared between the two B. Transferred fully from one atom to another C. With identical spins D. Equally shared between them
12	Diamond and carbon are the forms of carbon	A. Isotropic B. amorphous C. Allotropic D. Isomeric
13	Of all the noble gaes, easily available gases are	A. He & Ar B. He & Ne C. Ne & Ar D. Xe & Kr
14	Black and white photographic film contain small grains of.	A. Silver bromide B. Silver cholride C. Silver iodide D. Any of above
		A. B4H10

15	The formula of hexa borane is.	B. B6 H10 C. B5 H9 D. B8 H12
16	In the Lewis structure of H2SO4 molecule the total number of unshared electrons in valence shell of various atoms is.	A. 8 B. 16 C. 12 D. 20
17	The movement of an electric charge produce a magnetic field is known from the	A. Elementary Physics B. Elementary Chemistry C. Both A and B D. None of above
18	What is the oxidation number of the central meal atom in the coordination compound. [Pt(NH#)#Cl]Cl	A1 B. 0 C. +2 D. +3
19	Which of the following is the correct order of interactions.	A. Covalent < hydrogen bonding < Van Der Waal's < dipole -dipole B. Van der Waal's < hydrogen bonding < dipole -dipole < covalent C. Van der Waal's < dipole -dipole < hydrogen bonding < covalent D. Dipole-dipole < Van der Waal's < hydrogen bonding < covalent
20	The contact process is mainly used when acid is required for the manufactures of.	A. Explosives B. Fine chemicals C. Lead accumulators D. All above