

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	BCl3 is a planar molecule because B atom is.	A. sp2 hybridized B. Sp3 hybridized C. sp hybridzed D. sp3 d hybridized
2	Which of the following elements has the highest ionization energy.	A. Na B. Si C. Ar D. Cl
3	Which of the following compounds combines with hemoglobin.	A. CO2 B. CO C. NO D. N2
4	Ca2+ is isolelectronic with.	A. Mg2+ B. Kr C. Ar D. Na+
5	Example of intra molecular hydrogen bonding.	A. O-nitrophenol B. O-hydroxy benzaldehyde C. O- hydroxy benzoic acid D. All of the above
6	Of the molecules, SF4 Xe F4 and CF4 which have square planar geometry.	A. SF4, Xe f4 and CF4 B. SF4 only C. CF4 only D. XeF4 only
7	Ammonia is utilized for	A. Manufacture of urea B. Oxidation to nitric acid C. Manufacture of ammonium sulphate D. All above
8	Which halide of cesium will be highly ionic in nature.	A. K+ B. Ag+ C. Rb+ D. Ca+
9	Lithum silicide reacts with concentrated hydrochlric acid to give lithium chlride along with.	A. H2 and SI B. Si H 4 gas C. Disilane gas D. Si3H8
10	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>
11	The ions Sc3+ , Ca2+ and K+ have same electronic configuration as that of.	A. Neon B. Argon C. Krypton D. Xenon
12	Which of the following is the weakest base.	A. KOH B. NaOH C. LiOH D. RbOH
13	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  A. + 7

		C. + 5 D. + 1
15	Urea is fertilizer	A. Nitrogen fertilizer B. Potash fertilizer C. Phosphorous fertilizer D. Complete fertilizer
16	iodine is used as	A. Tincture of iodine B. lodex and antiseptic C. Treatment of goiter D. All above
17	The pH of the 0.0032 M H2SO4 is.	A. 3.2 B. 4.0 C. 2.198 D. 1.0
18	Lithium shows diagonal relationship with	A. Beryllium B. Sodium C. Magnesium D. Calcium
19	Which of the following state is not true with respect to copper.	A. it is malleable and ductile B. It is a best conductor of heat and electricity C. It forms alloys easily D. Moltan copper absorbed carbon dioxide
20	Which of the following molecule does not contain the covalent bond between similar atoms.	A. N2H4 B. F2O2 C. H2F2 D. H2O2