

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	The oxidation state of Pt in Xe+ [Pt F6] is	A. +4 B. +5 C. +6
2	Four elements A, B,C,D have atomic numbers Z, 1,Z, Z+1 and Z+2 Respectively If Z is 9, then bond between which pair of elements will be ionic.	D. None of these  A. A and C B. D and C C. D and B D. B and C
3	lonic reactions mainly take place in.	A. Aqueous solutions and organic solvents of high polarity B. Non aqueous solvents of low polarity C. Gaseous state D. Solid state
4	lonic bond are also forces called as.	A. Polar bond B. Electrovalent bond C. None polar bond D. Both A and B
5	Ferrochrum contains Cr up to	A. 60-70% B. 70-80% C. 80-90% D. 40-50%
6	lodine is a grey black solid and its vapours are in color	A. Grey B. Black C. Yellow D. Violet
7	Which of the following halogen exist in solid state.	A. F2 B. I2 C. CI2 D. Br2
8	The aluminium alloy used to make parts of aircrafts is.	A. Magnalium B. <div>Aluminium bronze</div> C. <div>Duralumin</div> D. All of the these
9	The state of hybridization of Xe in Xe F6 are	A. sp2 B. sp3 C. sp3 d D. dsp3
10	The most electronegative element of the third period is.	A. F B. P C. Br D. Cl
11	The three isotopes of hydrogen differ from one another in	A. Atomic number B. Number of protons C. Nuclear charge D. Nuclear mass
12	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
13	Which of the following elements has the highest value of second ionization energy.	A. Lithum B. Beryllium C. Boron D. Magnesium
14	Dibornae is used	A. Fro high energy fuel B. For welding torches C. as reducing agent D. All above
		A. Covalent < hydrogen bonding < Van Der Waal's < dipole -dipole B. Van der Waal's < hydrogen

15	Which of the following is the correct order of interactions.	bonding < dipole -dipole < covalent C. Van der Waal's < dipole -dipole < hydrogen bonding < covalent D. Dipole-dipole < Van der Waal's < hydrogen bonding < covalent
16	Which librates H2 with NaOH	A. B B. Al C. Zn D. All
17	CCl4 has zero dipole moment because of.	A. Planar structure B. Tetrahedral structure C. Similar size of C and Cl atoms D. Similar electrons affinity of C and Cl
18	In which pair of species, the Lewis formulae contain same number of ion pairs and bond pairs but they are not isoelectronic.	A. O2, N2 B. SO2, O3 C. PCI3, BF3 D. SOCI2, COCI3
19	Which of the following is a pseudohalide.	A. I3- B. IF7 C. CN- D. ICI
20	The central metal atom or ion and the ligands that are directly attached to it are enclosed in a square bracket called.	A. Coordination complex     B. Coordination sphere     C. Coordination number     D. Coordination compounds