

PPSC Chemistry Part III Inorganic Chemistry Online Test

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Sr	Questions	Answers Choice
1	Excluding H-atom , Hydrogen bond never involves more than atoms.	A. One B. Two C. Three D. Four
2	When orthoboric acid is heated strongly it gives.	A. B2O3 B. H2B3O7 C. HBO2 D. B
3	Formula of orthophosphoric acid	A. H2PO4 B. H3PO2 C. H3PO2 D. H2P2O5
4	The electromagevitiy of the following elements increase in the order	A. F > Cl > O > S B. S > Cl > O > F C. F > O > N > C D. C > O > N > F
5	Flourine differs from the other members of its own group due to.	A. Its small size and low bond energy B. Its higher electornegativity C. None-availability of d-orbitals in its valence shell D. All the above
6	Which of the following statements is not true about potash alum.	A. Its empirical formula is KAI (SO4)2 12H2O B. Its aqueous solution is basic in nature C. It is used in dyeing industry D. On heating it melts in its water of crystallization
7	Which of the following are neutral ligands.	A. NH3 B. H2O C. CO & Mamp; NO D. All of above
8	Which of the following elements would have the lowest first ionization energy	A. Mg B. Rb C. Li D. Ca
9	In Serpekr's process the ore is treated with which of the following.	A. Carbon B. Nitrogen gas C. Both A and B D. None of these
10	Aluminium hydroxide is.	A. An acidB. An amphoteric hydroxideC. A baseD. An explosive hydroexide
11	Which of the following statements is false about transition metals.	A. They form complexes B. They show variable valency C. All transition metal compounds are paramagnetic D. They form coloured ions
12	A thionic acid	A. H2S2O3 B. H2S2O6 C. H2S2O8 D. H2S2O7
13	Acid rain effects	A. Human being B. Crops C. Aquatic life D. All above
14	Al Cl3 acts as a strong Lewis acid, because it is.	A. A covalent compound B. Readily hydrolyzed C. Electron deficient D. An ionic compound

15	The 'shape' of molecule ." Xe F6 is.	A. Pentagonal bipyramidalB. Regular octahedralC. Distorted octahedralD. Square planar
16	Zinc oxide is.	A. A basic oxide B. An amphoteric oxide C. An acidic oxide D. A neutral oxide
17	In the Lewis formula of which of the following species, the number of single double and dative bonds are equal.	A. N2O3 B. HNO3 C. SO2 D. SOCI2
18	Which of the following elements is most electropositive.	A. C B. N C. O D. Be
19	The most abundant metal in earth's crust is.	A. Fe B. Al C. Ti D. Ca
20	The atomic number of potassium is 19 and that of mangness is 25 Although the colour of MnO4 is dark violet yet the K+ is colourless this is due to the fact that.	A. Mn is a transition element while K is not B. [MnO4]- is negatively charged while K+ has positive charge C. The effective atomic number of N is [MnO4]- is 26: while for K+ the atomic number is 18 D. The Mn is a high positive oxidatic state allows charge transfer transitions.